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By-Clements, William H.
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As a first step in "improving and building up" the graduate program at the Wisconsin State University at Stevens Point, a study of graduate students was initiated in 1967. It examined the interrelationships of their graduate majors, undergraduate majors and colleges, high school deciles and class size, age, sex, level taught, geographic location, year of matriculation, and M.A.T. scores. Although most of the study was concerned with the 774 students who were active in July, 1969, data are included on students enrolled from the program's beginning in July 1960. It was found that most degrees (52 of 90) had been awarded in either English or elementary education, and of those currently enrolled, most (464 of 774) had received their undergraduate degrees at Stevens Point. It was evident that the graduate program had greatly expanded in recent years. Most students limit their studies to summers, however, and this helps to account for the large number currently enrolled and the small number of degrees awarded. Extensive use is made of tables and figures to present this data, and trends are noted. No specific recommendations are made. (DS)

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DATE August 1969

Office of Institutional Research

Interrelationships
- Year of Matriculation
- Sex
- Age
- Level Taught
- Geographic Location
- College of Graduation
- High School Decile
- Grade Point Ratio
- Type of Degree
- Undergraduate Major
- Test Scores

GRADUATE STUDENT CHARACTERISTICS

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240 MAIN BUILDING
WISCONSIN STATE UNIVERSITY
STEVENS POINT 54481
WILLIAM H. CLEMENTS, DIRECTOR

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Purpose

The study of graduate student characteristics was requested in 1967 by Dr. Gordon Haferbecker, then Acting President of WSU-Stevens Point. Its purpose was intended to be the first step in improving and building up the graduate program. It was thought that a thorough study of our graduate student characteristics was needed, with an eye toward trends as related to purposes. It was concluded that there was need for not only a summary of significant characteristics but also their relation to each other and also to outside predictors.

It has taken considerable time to obtain the computer capacity and personnel to conduct this analysis. For this reason, original data for 1967 were discarded and the present study represents characteristics of the most recent available student body.

Sampling

The group studied includes all individuals considered to be in the graduate program at WSU-Stevens Point in July, 1969. The population studied, then, includes 774 people who were classified as active students in the graduate program.

In order to determine trends there has been some attempt to obtain longitudinal data beginning with the summer of 1960 when the graduate program at Stevens Point was initiated.

Table 1

Graduate Students Active July, 1969

Number and Per Cent of Students, and Year of Matriculation at WSU-Stevens Point

	Matriculation Year										
	60	61	62	63	64	65	66	67	68	69	Totals
Number	2	1	5	19	31	57	148	154	182	175	774
Per Cent	0.3	0.1	0.6	2.5	4.0	7.4	19.1	19.9	23.5	22.6	100.0

The above table shows the per cent of active graduate students for each matriculation year. The matriculation year is the year in which the student applied for and was admitted to the graduate program. It can be seen that 85 per cent of the active students were admitted in 1966 or later. This indicates that a large number of the graduate students entering prior to 1966 have either graduated or have become inactive in the graduate program.

Table 2

Graduate Students Active July 1969

Sex and Year of Matriculation at WSU-Stevens Point

	Matriculation Year										
Sex	60	61	62	63	64	65	66	67	68	69	Totals
Male	0	1	2	9	13	26	57	62	71	62	303
Female	2	0	3	10	18	31	91	92	111	113	471
Totals	2	1	5	19	31	57	148	154	182	175	774

In recent years, the ratio of female and male graduate students has been two females to every male. Prior to 1966 the ratio was closer to one male to every female. What has caused this increase in the ratio of females over males will be answered in the remainder of this study. One prediction might be the demand for advanced degrees in the field of elementary education.

Table 3

Graduate Students Active July 1969

Per Cent Distribution by Sex and Year of Matriculation at WSU-Stevens Point

Per Cent	Matriculation Year										Totals
	60	61	62	63	64	65	66	67	68	69	
Male	0.0	100.0	40.0	47.4	41.9	45.6	38.5	40.3	39.0	35.4	39.1
Female	100.0	0.0	60.0	52.6	58.1	54.4	61.5	59.7	61.0	64.6	60.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4

All Graduate Students Who Matriculated at WSU-Stevens Point

Sex, Number Active, Per Cent Active, and Year of Matriculation at WSU-Stevens Point

Sex	Matriculation Year										Total	Number Active	Per Ce Active
	60	61	62	63	64	65	66	67	68	69			
Male	19	26	27	61	53	47	72	66	73	65	509	303	59.5
Female	36	32	28	43	58	62	103	104	116	124	706	471	66.7
Total	55	58	55	104	111	109	175	170	189	189	1215	774	63.7
Number Active	2	1	5	19	31	57	148	154	182	175	774		
Per Cent Active	3.6	1.7	9.1	18.3	27.9	52.3	84.6	90.6	96.3	92.6	63.7		

Table 2 shows how many male and female active graduated students had matriculated each year. Table 3 shows what per cent of each year's total were men and what per cent were women. The 303 men constitute 39.1 per cent. The remaining 60.9 per cent are women. This in contrast to the undergraduate student body, of which about 62 per cent are men, on the average. Table 3 reveals that for recent years the percentage of women is increasing. In fact 64.6 per cent of active students who matriculated in 1969 were women.

From Table 4 it can be seen that 509 men and 706 women have matriculated since the inception of the program in 1960. Of these 1215 entrants, 59.5 per cent of the men and 66.7 per cent of the women are still actives, including 2 of the original 55 graduate students who matriculated in 1960.

When the graduate program was first approved, it provided for two summers of work at Stevens Point and two summers at the University of Wisconsin Madison Campus. After 1962 the MST degree was offered at Stevens Point, and the first graduates received Master's Degrees in 1964. These facts may help to explain why the proportion of entrants remaining in the program increased noticeably from 1963 on. The 774 active graduate students constitute 63.7 per cent of all those who matriculated at Stevens Point since the graduate program was instituted. The highest per cent of retention in the program is for those who entered in 1968, since 96.3 per cent of these students are still active.

Age at Time of Matriculation

Table 5 gives the active graduate students' ages at time of matriculation by year of matriculation at WSU-Stevens Point. The mode by age is 23, where there are 80 graduate students. The next highest frequency by age is 24, followed by 25, 26, 27, and 22. This shows that most of the graduate students are seeking the Master's degree soon after receiving the bachelor's degree. One would expect this because of the ever-increasing demand for further education. There are 416 graduate students in the 21-30 age interval, 168 in the 31-40 interval, 126 in the 41-50 age interval, and 58 in the 51-60 age interval. Four students are more than 61 years old, while three are age 21. In the 38-51 age intervals, the number of graduate students is approximately constant.

Table 5

Graduate Students Active July 1969

Age at Time of Matriculation, Year of Matriculation at WSU-Stevens Point, and Average Age by Year of Matricualtion

Age	Matriculation Year 60	61	62	63	64	65	66	67	68	69	Totals
21	0	0	0	0	0	0	1	0	2	0	3
22	0	0	0	0	1	2	6	12	8	13	42
23	0	0	0	1	3	4	8	22	15	27	80
24	0	0	0	1	3	8	8	24	10	15	69
25	0	0	0	3	0	8	9	10	18	12	60
26	0	0	0	0	1	1	10	16	14	8	50
27	0	0	0	0	3	2	4	2	9	12	32
28	1	0	0	1	2	1	7	3	11	9	35
29	0	0	0	1	3	2	4	3	6	3	22
30	0	0	0	1	1	2	5	2	8	4	23
31	0	0	0	0	0	4	1	6	5	9	25
32	0	0	0	0	0	1	6	2	5	8	22
33	0	0	0	1	3	1	1	3	6	2	17
34	0	1	1	1	0	1	4	4	7	3	22
35	0	0	0	0	0	1	3	0	3	1	8
36	0	0	0	2	2	2	5	3	1	1	16
37	0	0	0	1	0	2	5	5	4	4	21
38	0	0	0	0	1	0	6	2	2	2	13
39	0	0	0	0	1	0	6	2	2	2	13
40	0	0	0	1	0	0	5	2	2	1	11
41	0	0	0	0	1	2	1	2	4	3	13
42	0	0	0	1	1	2	2	1	4	2	13
43	0	0	0	2	1	3	2	1	2	1	12
44	0	0	1	0	0	2	4	0	5	3	15
45	0	0	0	0	1	0	1	2	2	4	10
46	0	0	2	1	0	0	6	2	2	0	13
47	0	0	0	1	1	1	2	3	4	2	14
48	0	0	0	0	0	1	3	3	1	4	12
49	0	0	0	0	1	1	1	1	4	4	12
50	0	0	0	0	0	0	6	1	3	2	12
51	0	0	1	0	1	0	2	0	3	6	13
52	1	0	0	0	0	0	2	2	0	1	6
53	0	0	0	0	0	1	2	2	5	1	11
54	0	0	0	0	0	0	3	3	1	0	7
55	0	0	0	0	0	1	3	2	1	0	7
56	0	0	0	0	0	1	1	2	1	2	7
57	0	0	0	0	0	0	1	0	0	0	1
58	0	0	0	0	0	0	0	1	0	2	3
59	0	0	0	0	0	0	0	0	2	0	2
60	0	0	0	0	0	0	1	0	0	0	1
61	0	0	0	0	0	0	0	1	0	0	1
62	0	0	0	0	0	0	0	0	0	1	1
63	0	0	0	0	0	0	1	0	0	0	1
64	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	1	0	0	1
Unknown Age	0	0	0	0	0	0	0	1	0	1	2
Totals	2	1	5	19	31	57	148	154	182	175	774
Average Age	40.0	34.0	44.2	34.0	32.5	32.4	35.7	31.5	32.7	31.7	

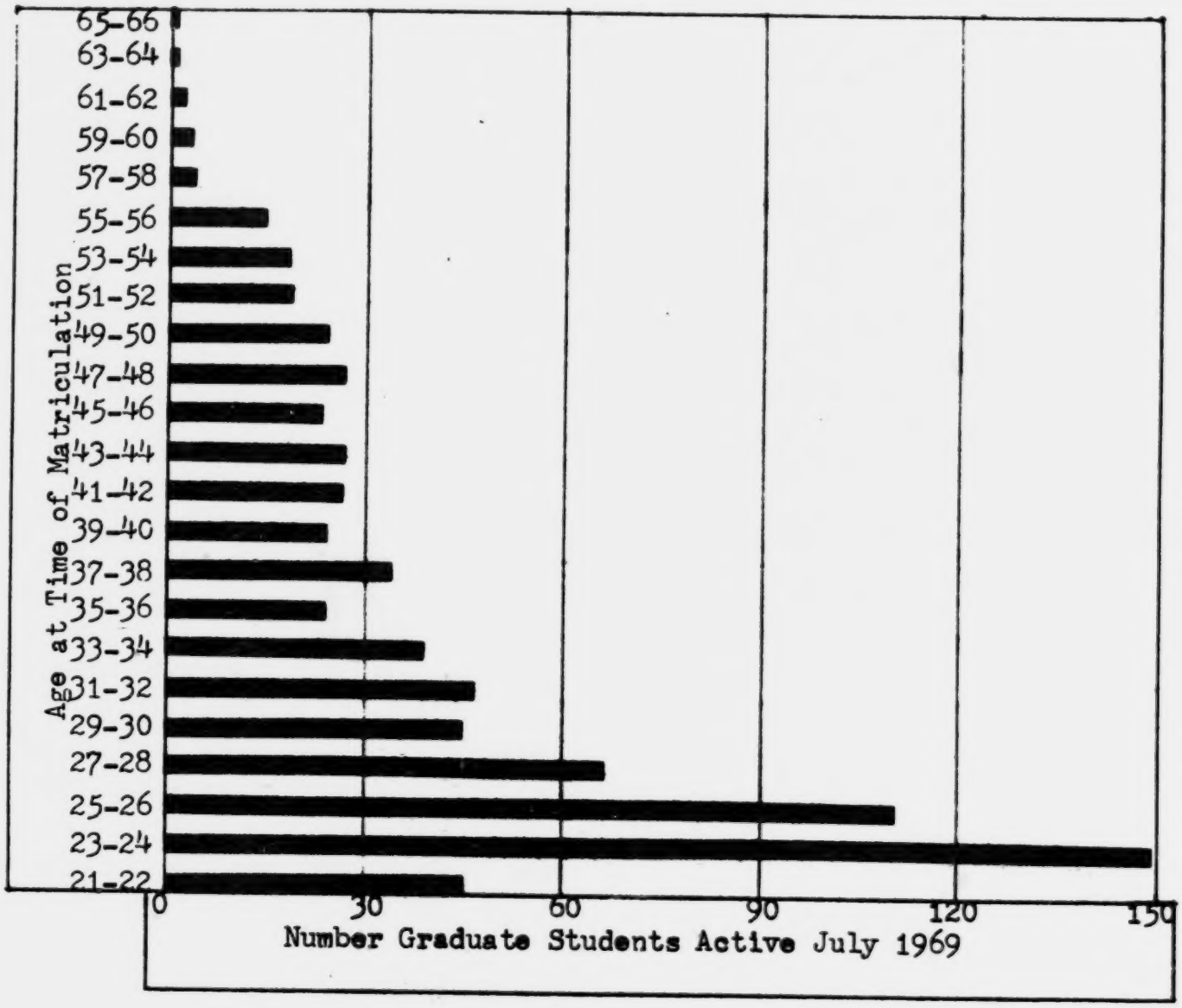

Fig. 1. Graduate Students Active July 1969. Age at time of matriculation and number of graduate students.

The average age by year of matriculation ranges from 44.2 in the year 1962 to 31.5 in the year 1967. Inspection of the totals of Table 5 reveals a trend to younger age - a fact to be expected, since the table refers only to active students.

Figure 1 is a graphic representation of Table 5.

Table 6

Graduate Students Active July 1969

Size of High School Graduating Class, Per Cent of Total by High School Graduating Class Size, and Year of Matriculation at WSU-Stevens Point

Class Size	Matriculation Year											Per Cent of Known Total
	60	61	62	63	64	65	66	67	68	69	Total	
1-50	0	0	0	1	8	9	31	39	34	46	168	26.4
51-100	1	0	1	5	4	5	24	32	28	30	130	20.4
101-200	1	0	1	3	7	13	34	27	39	39	164	25.7
201-300	0	0	2	2	4	7	8	20	14	20	77	12.1
301-500	0	0	0	2	3	6	11	8	18	17	65	10.2
501-1000	0	0	0	0	2	1	5	4	3	4	19	3.0
1001-over	0	0	0	1	1	5	5	1	1	0	14	2.2
Unknown	0	1	1	5	2	11	30	23	45	19	137	
Totals	2	1	5	19	31	57	148	154	182	175	774	

Table 6 shows size and per cent each size of high school graduating class of graduate students at WSU-Stevens Point. The years 1966-69 are the best indicators here because of the larger number of students. Although high school class size is known for only 82.3 per cent of the students, it is clear that the great majority came from classes of 200 students or fewer, with the 1-50 category leading.

Table 7

Graduate Students Active July 1969

Percentage Distribution of Size of High School Graduating Class by Year of Matriculation at WSU-Stevens Point

Per Cent of Class Size	Matriculation Year									
	60	61	62	63	64	65	66	67	68	69
1-50	0.0	0.0	0.0	5.3	25.8	15.7	20.9	25.3	18.7	26.3
51-100	50.0	0.0	20.0	26.3	12.9	8.8	16.2	20.8	15.4	17.1
101-200	50.0	0.0	20.0	15.8	22.7	22.7	23.0	17.5	21.4	22.3
201-300	0.0	0.0	40.0	10.5	12.9	12.3	5.4	13.0	7.7	11.4
301-500	0.0	0.0	0.0	10.5	9.7	10.6	7.4	5.3	9.9	9.7
501-1000	0.0	0.0	0.0	0.0	6.4	1.8	3.4	2.6	1.6	2.3
1001-over	0.0	0.0	0.0	5.3	3.2	8.8	3.4	0.6	0.5	0.0
Unknown	0.0	100.0	20.0	26.3	6.4	19.3	20.3	14.9	24.7	10.9
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 7 shows per cent distribution by year of matriculation of high school class size, with the "unknown" category included in the totals. Particularly noticeable here is the fact that we are getting comparatively few graduates of large high schools.

As shown in Table 8, the largest number of active graduate students, by level taught, are the 206 secondary high school teachers, who constitute 26.6 per cent of the 774 active graduate students. The most dramatic increase in number appears to be those teaching kindergarten, since 37 kindergarten teachers had matriculated by mid-1969.

Table 8

Graduate Students Active July 1969

Level of Education Taught, Per Cent of Total by Level Taught, and Year of Matriculation at WSU-Stevens Point

Level Taught	Matriculation Year											Per Cent of Total
	60	61	62	63	64	65	66	67	68	69	Total	
Kindergarten	0	0	0	0	1	2	7	4	4	4	22	2.8
Primary	2	0	3	2	6	3	25	20	27	37	125	16.1
Intermediate	0	0	1	4	5	17	20	15	14	16	92	11.9
Junior High	0	0	0	2	3	8	21	21	25	18	98	12.7
Senior High	0	0	1	5	9	15	39	41	53	43	206	26.6
College	0	0	0	0	1	0	3	3	3	2	12	1.6
Substitute	0	0	0	0	0	1	1	0	2	3	7	.9
Administrative	0	0	0	0	2	5	5	0	0	2	14	1.8
Non-Education	0	0	0	0	0	0	0	7	10	9	26	3.4
Art, Music-Voc.	0	0	0	1	1	0	1	0	0	0	3	.4
Junior and Senior High	0	1	0	1	1	0	5	4	9	3	24	3.1
Grades (1-8)	0	0	0	1	1	0	3	5	6	4	20	2.6
Grades (1-12)	0	0	0	2	1	0	4	3	3	0	13	1.7
Intermediate and Jr. High	0	0	0	0	0	1	1	1	1	0	4	.5
Kindergarten and Primary	0	0	0	0	0	0	1	0	0	0	1	.1
No Level	0	0	0	1	0	5	12	30	25	34	107	13.8
Totals	2	1	5	19	31	57	148	154	182	175	774	

Tables 9 and 10 also refer to levels taught, with several categories combined. Table 9 shows the number of matriculants at each teaching level, and size of high school graduating class for each. Table 10 shows per cent distributions for each class size category. Perusal of these tables reveals that 42.8 per cent of all active graduate students teach at the junior or senior high school level. While the high school teachers come from all class sizes, they constitute nearly two-thirds of all who graduated in a high school class of 1,000 or over. In contrast, comparatively few kindergarten-primary teachers came from large high schools.

Table 9

Graduate Students Active July 1969

Level of Education Taught, Per Cent of Total by Level Taught, and Size of High School Graduating Class

Level Taught	Class Size 1-50	51-100	101-200	201-300	301-500	501-1000	1001-over	Unknown	Totals	Per Cent of Total
Kindergarten-Primary	49	25	34	8	6	2	2	22	148	19.1
Elementary	29	20	33	14	7	3	2	21	129	16.7
High School	69	56	65	31	30	7	9	64	331	42.8
College	1	2	0	2	2	1	0	4	12	1.6
Substitute	1	1	0	0	1	0	0	4	7	.9
Administration	1	1	6	2	1	1	1	1	14	1.8
Non-Education	3	8	5	2	3	0	0	5	26	3.4
No Level	15	17	21	18	15	5	0	16	107	13.8
Totals	168	130	164	77	65	19	14	137	774	

Table 10

Graduate Students Active July 1969

Percentage Distribution of Level of Education Taught and Size of High School Graduating Class

Per Cent of Level Taught	Class Size						
	1-50	51-100	101-200	201-300	301-500	501-1000	1001-over
Kindergarten-Primary	29.1	19.2	20.7	10.4	9.2	10.5	14.3
Elementary	17.3	15.4	20.1	18.2	10.8	15.8	14.3
High School	41.1	43.1	39.6	40.2	46.2	36.8	64.3
College	0.6	1.5	0.0	2.6	3.1	5.3	0.0
Substitute	0.6	0.8	0.0	0.0	1.5	0.0	0.0
Administration	0.6	0.8	3.7	2.6	1.5	5.3	7.1
Non-Education	1.8	6.1	3.1	2.6	4.6	0.0	0.0
No Level	8.9	13.1	12.8	23.4	23.1	26.3	0.0
Totals	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 11 shows that the largest percentage of the graduate students graduated from high school after 1956. Between 1956 and 1960, 25.2 per cent of the known graduates had graduated from high school and between 1961 and 1965, 23.5 per cent graduated from high school.

Table 12 gives the number of years of teaching experience at time of matriculation, by year of entrance to the graduate program. The range in years of experience was 1 to 38 years, with a mean of approximately 5 years for the 660 students whose teaching experience is known. However, the majority of students had 5 or fewer years of teaching experience when they entered graduate work.

Table 11

Graduate Students Active July 1969

Year Graduated from High School, Per Cent of Known Total by Year Graduated from High School, and Year of Matriculation at WSU-Stevens Point

Year Graduated From High School	Matriculation Year 60	61	62	63	64	65	66	67	68	69	Totals	Per Cent of Known Total
1916-20	0	0	0	0	0	0	0	2	0	0	2	0.3
1921-25	0	0	0	0	0	0	2	0	0	1	3	0.4
1926-30	1	0	1	0	1	3	8	7	4	3	28	3.8
1931-35	0	0	2	2	2	3	14	7	10	6	46	6.3
1936-40	0	0	1	3	2	5	15	11	10	15	62	8.5
1941-45	0	1	0	3	4	5	14	6	18	11	62	8.5
1946-50	0	0	1	3	4	6	24	9	13	10	70	9.6
1951-55	1	0	0	3	9	9	18	15	30	17	102	14.0
1956-60	0	0	0	5	8	23	38	36	39	35	184	25.2
1961-65	0	0	0	0	1	2	11	50	39	69	172	23.5
Unknown	0	0	0	0	0	1	4	11	19	8	43	
Totals	2	1	5	19	31	57	148	154	182	175	774	

Table 12

Graduate Students Active July 1969

Years of Teaching Experience, Year of Matriculation at WSU-Stevens Point, and Average Years of Teaching Experience by Year of Matriculation

Years of Teaching Experience	Matriculation Year										
	60	61	62	63	64	65	66	67	68	69	Totals
Unknown	0	0	0	1	0	5	11	33	26	38	114
1	0	0	1	4	7	12	25	34	30	29	142
2	0	0	0	2	4	11	13	17	28	26	101
3	1	1	1	3	6	8	14	17	21	15	87
4	0	0	0	0	3	2	19	17	9	12	62
5	0	0	1	0	2	5	11	11	17	8	55
6	1	0	0	1	3	6	7	3	10	9	40
7	0	0	0	1	0	0	11	5	10	7	34
8	0	0	1	0	2	1	4	4	8	6	26
9	0	0	0	1	1	1	4	1	4	3	15
10	0	0	0	0	2	1	7	0	4	7	21
11	0	0	0	0	0	0	5	2	1	1	9
12	0	0	0	2	0	1	3	1	1	1	9
13	0	0	0	0	0	0	1	3	3	2	9
14	0	0	0	2	1	0	1	1	2	1	8
15	0	0	1	1	0	0	2	2	1	1	8
16	0	0	0	0	0	1	2	1	1	0	5
17	0	0	0	0	0	1	2	0	0	2	5
18	0	0	0	0	0	0	0	0	1	1	2
19	0	0	0	0	0	1	0	0	0	2	3
20	0	0	0	0	0	0	4	1	1	1	7
21	0	0	0	0	0	0	0	0	0	2	2
22	0	0	0	0	0	0	0	0	1	0	1
23	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	2	0	2
25	0	0	0	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	0	1	0	2
28	0	0	0	0	0	0	0	0	0	1	1
29	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	1	0	0	0	1
34	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	1	0	0	0	0	1
Totals	2	1	5	19	31	57	148	154	182	175	774
Average Number of Years of Teaching Experience	4.5	3.0	6.4	7.3	4.3	4.9	6.1	4.3	5.1	5.3	

Table 13

Graduate Students Active July 1969

Type of Bachelor Degree Obtained, Per Cent of Known Total by Type of Degree, and Year of Matriculation at WSU-Stevens Point

Degree	Matriculation Year										Total	Per Cent of Known Total
	60	61	62	63	64	65	66	67	68	69		
B.S.	2	0	3	12	18	46	113	111	146	142	593	77.0
B.E.	0	0	2	3	6	6	15	4	8	14	58	7.5
B.A.	0	0	0	1	2	4	12	26	25	19	89	11.6
B.M.	0	0	0	2	3	1	4	9	2	0	21	2.7
B.M.E.	0	0	0	1	2	0	3	1	0	0	7	.9
Ph.B.	0	0	0	0	0	0	0	1	0	0	1	.1
B.S. & B.M.	0	0	0	0	0	0	0	0	1	0	1	.1
Unknown	0	0	0	0	0	0	0	1	0	0	1	
Totals	2	0	5	19	31	57	147	153	182	175	771	

Table 13 enumerates the number who had previously obtained each type of bachelor's degree by year of matriculation to graduate work at Stevens Point. The shows that 77.0 per cent had received the Bachelor of Science degree, and 11.6 per cent had received the Bachelor of Arts degree. Three students who pr iously had a master's degree are omitted from the table.

Table 14 gives the undergraduate first major for active graduate students by year of matriculation at WSU-Stevens Point. The leading major is elementary education, which has 205 graduate students, or 37.1 per cent. The next highest major is English with 89, followed by History with 87, Home Economics with 55, Music with 53, and Intermediate and Upper Education with 45. Also the following majors have 10 or more graduate students: Speech Pathology-36, Biology-31, Primary Education-27, Social Science-27, Mathematics-17, and Speech-10. The above majors have a total of 682 graduate students or 88.1 per cent of the 774 graduate students.

Table 14

Graduate Students Active July 1969

Undergraduate First Major and Year of Matriculation at WSU-Stevens Point

First Major	Matriculation Year										
	60	61	62	63	64	65	66	67	68	69	Totals
No first major	0	0	0	0	0	0	2	0	0	1	3
Agriculture	0	0	0	0	0	0	1	0	0	1	2
Art	0	0	0	0	0	1	0	1	3	3	8
Biology	0	0	0	0	2	1	4	4	11	9	31
Botany	0	0	0	0	0	0	1	0	0	0	1
Business Administration	0	0	0	0	0	0	0	0	1	0	1
Business Education	0	0	0	0	0	0	1	0	1	1	3
Chemistry	0	0	0	0	0	1	0	0	0	0	1
Civil Engineering	0	0	0	0	0	0	1	0	0	0	1
Community Recreation	0	0	0	0	0	0	0	1	0	0	1
Communication Disorders	0	0	0	0	0	0	0	0	1	1	2
Conservation	0	0	0	0	0	0	0	0	0	1	1
Drama	0	0	0	0	0	0	0	0	3	0	3
Economics	0	0	0	0	0	0	1	0	0	2	3
Elementary Education	2	0	3	5	8	21	45	33	43	45	205
Primary Education	0	0	0	1	2	0	7	4	5	8	27
Inter. and Upper Education	0	0	1	2	0	9	6	8	6	13	45
Religious Education	0	0	0	0	0	0	0	0	1	0	1
Education	0	0	0	0	0	0	3	0	0	0	3
English	0	0	0	2	5	8	21	23	14	16	89
French	0	0	0	1	0	0	0	1	0	0	2
General Science	0	0	0	0	0	0	1	1	1	0	3
Geography	0	0	0	0	0	1	2	1	3	2	9
German	0	0	0	0	0	0	2	4	0	0	6
History	0	0	0	2	5	4	12	22	25	17	87
Home Economics	0	0	0	1	0	1	10	5	22	16	55
Language Arts	0	0	0	0	0	0	0	0	1	0	1
Latin	0	0	0	0	0	0	1	1	0	0	2
Liberal Arts	0	0	0	0	0	0	0	1	0	0	1
Mathematics	0	0	0	0	1	1	3	5	6	1	17
Music	0	1	1	3	5	4	11	11	10	7	53
Instrumental Music	0	0	0	0	1	1	0	0	0	0	2
Vocal Music	0	0	0	1	0	0	4	1	0	0	6
Natural Resources	0	0	0	0	0	0	0	0	1	0	1
Nursing	0	0	0	0	0	0	0	1	0	0	1
Optometry	0	0	0	0	0	0	1	0	0	0	1
Pharmacy	0	0	0	0	0	0	0	1	0	0	1
Philosophy	0	0	0	0	0	0	1	0	1	1	3
Physical Education	0	0	0	0	0	1	0	2	0	1	4
Political Science (Public Ad.)	0	0	0	0	0	0	0	1	2	0	3
Psychology	0	0	0	0	0	0	0	0	2	1	3
Social Science	0	0	0	1	1	1	4	9	4	7	27
Sociology	0	0	0	0	0	0	0	3	0	2	5
Spanish	0	0	0	0	0	0	0	0	1	1	2
Spanish Literature	0	0	0	0	0	0	0	0	1	0	1
Special Education	0	0	0	0	0	1	0	0	0	0	1
Speech	0	0	0	0	1	2	2	2	1	2	10
Speech Pathology	0	0	0	0	0	0	0	10	10	16	36
Totals	2	1	5	19	31	57	148	154	182	175	774

Table 15

Graduate Students Active July 1969

Undergraduate Second Major and Year of Matriculation at WSU-Stevens Point

	Matriculation Year										
Second Major	60	61	62	63	64	65	66	67	68	69	Totals
No second major	2	1	4	17	26	52	131	135	159	161	688
American Civilization	0	0	0	0	0	0	0	0	1	2	3
Biology	0	0	0	0	0	0	0	0	2	0	2
Chemistry	0	0	0	0	0	0	0	1	0	0	1
Conservation	0	0	0	0	1	0	0	0	0	0	1
Drama	0	0	0	0	0	0	0	0	2	0	2
Elementary Education	0	0	0	0	0	0	0	0	0	1	1
Engineering	0	0	0	0	0	0	1	0	0	0	1
English	0	0	0	1	0	1	3	2	0	0	7
French	0	0	0	0	0	0	2	0	0	0	2
General Science	0	0	0	0	0	0	1	1	3	2	7
Geography	0	0	0	0	0	1	0	1	1	1	4
German	0	0	0	0	0	0	1	1	0	0	2
Geology	0	0	0	0	0	0	0	0	0	1	1
History	0	0	0	0	1	0	1	3	1	1	7
Home Economics	0	0	0	0	0	0	0	1	0	0	1
Institutional Management	0	0	0	0	0	0	0	0	1	0	1
Latin	0	0	0	0	0	0	0	0	0	1	1
Marketing	0	0	0	0	0	0	0	0	1	0	1
Math	0	0	0	1	0	0	0	0	0	0	1
Medical Technology	0	0	0	0	0	0	1	0	0	0	1
Music	0	0	0	0	0	0	0	0	1	0	1
Music Composition	0	0	0	0	0	0	0	0	1	0	1
Instrumental Music	0	0	0	0	0	0	2	0	0	0	2
Vocal Music	0	0	0	0	0	0	0	0	0	1	1
Phyical Education	0	0	0	0	0	1	1	0	1	1	4
Political Science (Public Ad.)	0	0	0	0	0	0	1	2	1	1	5
Psychology	0	0	0	0	0	0	0	1	0	0	1
Social Science	0	0	0	0	2	1	3	5	4	2	17
Special Education	0	0	1	0	0	0	0	0	0	0	1
Speech	0	0	0	0	1	1	0	1	1	0	4
Speech Pathology	0	0	0	0	0	0	0	0	1	0	1
Theology	0	0	0	0	0	0	0	0	1	0	1
Totals	2	1	5	19	31	57	148	154	182	175	774

Table 15 shows the undergraduate second major by year of matriculation at WSU-Stevens Point for active graduate students. A total of 688, or 88.9 per cent of the 774 graduate students have no second major. The leading second major was social science, that of 17 graduate students. Other dominant second majors were English-7, General Science-7, History-7, and Political Science-5.

The following tables are to be distinguished from those just presented because they represent majors of all graduate students who matriculated at WSU-Stevens Point, not just active students.

Table 16 gives the undergraduate first major by year of matriculation at WSU-Stevens Point for all graduate students who entered. Again the leading major is elementary education with 316 graduate students, as compared to 205 active students. Following is a list of dominant majors, compared to number of active majors.

Major	All	Active
Elementary Education	316	205
English	144	89
History	128	87
Music	89	53
Home Economics	84	55
Intermediate and Upper Elementary	80	45
Primary Education	56	27
Biology	50	31
Social Science	39	27
Speech Pathology and Audiology	37	36
Mathematics	28	17

The above majors for all graduate students total 1051, or 86.5 per cent of the total number of the 1215 graduate students.

Since active students represent 63.7 per cent of all matriculants, it is interesting to note that active majors in Intermediate and Upper Elementary Education and in Primary Education fall far below this proportion of total entrants, on the other hand, 36 of the 37 matriculants in Speech Pathology are active. (Speech Pathology is a new program.)

Table 16

All Graduate Students Who Attended WSU-Stevens Point

Undergraduate First Major and Year of Matriculation at WSU-Stevens Point

Undergraduate Major	Matriculation Year										Totals
	60	61	62	63	64	65	66	67	68	July 69	
Agriculture	0	0	0	0	0	0	1	0	0	1	2
American Institutions	0	0	1	0	0	0	0	0	0	0	1
Art	0	0	0	2	0	2	1	1	3	3	12
Biology	3	2	1	5	7	2	5	5	11	9	50
Botany	0	0	0	0	0	0	1	0	0	0	1
Business Administration	0	0	0	0	0	0	0	0	1	0	1
Business Education	0	1	1	0	0	1	2	0	1	1	8
Chemistry	0	1	1	1	0	2	0	0	0	0	5
Civil Engineering	0	0	0	0	0	0	1	0	0	0	1
Communication Disorders	0	0	0	0	0	0	0	0	1	1	2
Community Recreation	0	0	0	0	0	0	0	1	0	0	1
Conservation	2	1	0	0	0	0	0	0	0	1	4
Drama	0	0	0	0	0	0	0	0	3	0	3
Economics	0	2	0	1	0	1	1	0	0	2	7
Primary Education	5	3	3	2	8	6	9	6	6	8	56
Elementary Education	25	13	17	27	23	32	51	36	42	50	316
Inter.-Upper Education	2	3	6	11	7	14	8	8	6	15	80
Religious Education	0	0	0	0	0	0	0	0	1	0	1
English	5	6	4	11	16	15	25	24	19	19	144
Forestry	0	0	0	1	0	0	0	1	0	0	2
French	0	0	0	1	0	0	0	0	0	0	1
General Science	2	1	0	0	2	3	2	1	1	0	12
Geography	0	1	1	1	3	1	2	1	3	2	15
German	0	0	0	0	1	0	3	4	0	0	8
Government	0	0	0	0	0	0	1	0	0	0	1
History	3	4	8	7	13	7	17	24	27	18	128
American History	0	0	0	0	0	1	0	0	0	0	1
Home Economics	3	9	5	5	5	3	11	5	21	17	84
Industrial Arts	0	0	0	1	0	1	0	0	0	0	2
Journalism	0	0	0	0	0	0	2	0	0	0	2
Language Arts	0	0	0	0	0	0	0	0	1	0	1
Latin	0	2	0	0	0	0	1	1	0	0	4
Liberal Arts	0	0	0	0	0	0	0	1	0	0	1
Mathematics	2	3	1	4	1	1	3	5	6	2	28
Music	0	4	5	15	11	6	14	15	10	9	89
Instrumental Music	0	0	0	0	1	2	0	0	0	0	3
Vocal Music	0	0	1	2	3	0	4	1	1	0	12
Natural Resources	0	0	0	0	0	0	0	0	1	0	1
Nursing	0	0	0	0	0	0	0	1	0	0	1
Optometry	0	0	0	0	0	1	1	0	0	0	2
Pharmacy	0	0	0	0	0	0	0	1	0	0	1
Philosophy	0	0	0	0	0	0	1	0	1	1	3
Physical Education	1	1	0	0	0	0	1	0	2	1	6
Political Science	0	0	0	0	0	0	0	1	2	0	3
Psychology	0	0	0	0	1	0	0	0	2	1	4

Table 16 continued

Undergraduate Major	Matriculation Year 60	61	62	63	64	65	66	67	68	July 69	Totals
Romance Languages	0	0	0	0	0	0	0	1	0	0	1
Social Science	2	1	0	4	5	3	4	9	4	7	39
Sociology	0	0	0	0	0	0	1	3	0	2	6
Spanish	0	0	0	0	0	0	0	0	1	1	2
Spanish Literature	0	0	0	0	0	0	0	0	1	0	1
Special Education	0	0	0	0	0	1	0	0	0	0	1
Speech	0	0	0	3	4	4	2	3	1	2	19
Speech Pathology	0	0	0	0	0	0	0	11	10	16	37
Totals	55	58	55	104	111	109	175	170	189	189	1215

Table 17

All Graduate Students Who Entered WSU-Stevens Point in 1960

Undergraduate Major	Sex and Undergraduate First Major Male	Female	Totals
Biology	2	1	3
Conservation	2	0	2
Primary Education	0	5	5
Elementary Education	5	20	25
Intermediate and Upper Education	1	1	2
English	1	4	5
General Science	1	1	2
History	3	0	3
Home Economics	0	3	3
Mathematics	2	0	2
Physical Education	0	1	1
Social Science	2	0	2
Totals	19	36	55

Summary: In 1960, women outnumbered men two to one. The predominant major was elementary education.

Table 18

All Graduate Students Who Entered WSU-Stevens Point in 1961

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
Biology	2	0	2
Business Education	0	1	1
Chemistry	1	0	1
Conservation	1	0	1
Ecomonics	2	0	2
Primary Education	0	3	3
Elementary Education	4	9	13
Intermediate and Upper Education	2	1	3
English	3	3	6
General Science	0	1	1
Geography	1	0	1
History	4	0	4
Home Economics	0	9	9
Latin	0	2	2
Mathematics	2	1	3
Music	2	2	4
Physical Education	1	0	1
Social Science	1	0	1
Totals	26	32	58

Summary: Of the 58 students who entered, 26 or nearly 45 per cent were men. Dominant majors were Elementary Education, Home Economics, and English.

Table 19

All Graduate Students Who Entered WSU-Stevens Point in 1962

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
American Institutions	0	1	1
Biology	1	0	1
Business Education	1	0	1
Chemistry	1	0	1
Primary Education	0	3	3
Elementary Education	8	9	17
Intermediate and Upper Education	3	3	6
English	0	4	4
History	7	1	8
Home Economics	0	5	5
Music	4	1	5
Vocal Music	1	0	1
Mathematics	0	1	1
Geography	1	0	1
Totals	27	28	55

Summary: Nearly half of graduate students who matriculated in 1962 were men. Again the dominant major was Elementary Education. Leading secondary majors were History, Home Economics, Music, and English.

Table 20

All Graduate Students Who Entered WSU-Stevens Point in 1963

Undergraduate Major	Sex and Undergraduate First Major		Total
	Male	Female	
Art	2	0	2
Biology	4	1	5
Chemistry	1	0	1
Economics	1	0	1
Primary Education	0	2	2
Elementary Education	9	18	27
Intermediate and Upper Education	8	3	11
English	6	5	11
Forestry	1	0	1
French	0	1	1
Geography	1	0	1
History	7	0	7
Home Economics	0	5	5
Industrial Arts	1	0	1
Mathematics	1	3	4
Music	12	3	15
Vocal Music	2	0	2
Social Science	4	0	4
Speech	1	2	3
Totals	61	43	104

Summary: In 1963 men outnumbered women among entering graduate students, 61 to 43. The increase in number of men is explained by the large number who entered in Music, Elementary Education, History, English, and Biology.

Table 21

All Graduate Students Who Entered WSU-Stevens Point in 1964

Undergraduate Major	Sex and Undergraduate First Major		Total
	Male	Female	
Biology	7	0	7
Primary Education	0	8	8
Elementary Education	3	20	23
Intermediate and Upper Education	5	2	7
English	8	8	16
General and Physical Science	2	0	2
Geography	3	0	3
German	0	1	1
History	10	3	13
Home Economics	0	5	5
Mathematics	0	1	1
Music	8	3	11
Instrumental Music	1	0	1
Vocal Music	1	2	3
Psychology	0	1	1
Social Science	5	0	5
Speech	0	4	4
Totals	53	58	111

Summary: Women outnumbered men among 1964 matriculants, 58 to 53. Leading majors for women were Elementary and Primary Education, and English. Leading majors for men were History, English, Music, and Biology.

Table 22

All Graduate Students Who Entered WSU-Stevens Point in 1965

Undergraduate Major	Sex and Undergraduate First Major		Total
	Male	Female	
Art	1	1	2
Biology	1	1	2
Business Education	0	1	1
Chemistry	2	0	2
Economics	1	0	1
Primary Education	1	5	6
Elementary Education	5	27	32
Intermediate-Upper Education	9	5	14
English	4	11	15
General Science	2	1	3
Geography	1	0	1
History	7	0	7
American History	0	1	1
Home Economics	0	3	3
Industrial Arts	1	0	1
Mathematics	1	0	1
Music	5	1	6
Instrumental Music	2	0	2
Optometry	1	0	1
Social Science	1	2	3
Special Education	1	0	1
Speech	1	3	4
Totals	47	62	109

Summary: In 1965 women entrants outnumbered men 62 to 47, partly because of the large number who majored in Elementary Education and English. Dominant majors for men were Intermediate-Upper Education and History.

Table 23

All Graduate Students Who Entered WSU-Stevens Point in 1966

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
Agriculture	1	0	1
Art	0	1	1
Biology	1	4	5
Botany	0	1	1
Business Education	0	2	2
Civil Engineering	1	0	1
Economics	1	0	1
Primary Education	0	9	9
Elementary Education	5	46	51
Intermediate-Upper Education	6	2	8
English	12	13	25
General Science	2	0	2
Geography	2	0	2
German	1	2	3
Government	1	0	1
History	16	1	17
Home Economics	0	11	11
Journalism	2	0	2
Latin	1	0	1
Mathematics	2	1	3
Music	8	6	14
Vocal Music	3	1	4
Optometry	0	1	1
Philosophy	1	0	1
Physical Education	1	0	1
Social Science	3	1	4
Sociology	1	0	1
Speech	1	1	2
Totals	72	103	175

Summary: In 1966, women matriculants outnumbered men 103 to 72. The leading majors of these students were Elementary Education, English, History, and Music.

Table 24

All Graduate Students Who Entered WSU-Stevens Point in 1967

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
Art	0	1	1
Biology	2	3	5
Community Recreation	0	1	1
Primary Education	0	6	6
Elementary Education	5	31	36
Intermediate-Upper Education	4	4	8
English	6	18	24
French	0	1	1
General Science	1	0	1
Geography	0	1	1
German	4	0	4
History	20	4	24
Home Economics	0	5	5
Latin	0	1	1
Liberal Arts	1	0	1
Mathematics	3	2	5
Music	5	10	15
Vocal Music	0	1	1
Nursing	0	1	1
Pharmacy	1	0	1
Political Science	1	0	1
Romance Languages	0	1	1
Social Science	7	2	9
Sociology	3	0	3
Speech	1	2	3
Speech Pathology	2	9	11
Totals	66	104	170

Summary: The proportion of women matriculants increased again in 1967, when women outnumbered men 104 to 66. The usual majors predominate, except that 11 majors entered in speech pathology and audiology.

Table 25

All Graduate Students Who Entered WSU-Stevens Point in 1968

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
Art	1	2	3
Biology	10	1	11
Business Administration	0	1	1
Business Education	0	1	1
Communication Disorders	0	1	1
Drama	0	3	3
Primary Education	0	6	6
Elementary Education	4	38	42
Intermediate-Upper Education	1	5	6
Religious Education	1	0	1
English	5	14	19
General Science	0	1	1
Geography	3	0	3
History	25	2	27
Home Economics	0	21	21
Language Arts	0	1	1
Mathematics	4	2	6
Music	4	6	10
Vocal Music	0	1	1
Natural Resources	1	0	1
Philosophy	1	0	1
Physical Education	1	1	2
Political Science	2	0	2
Psychology	1	1	2
Social Science	3	1	4
Spanish	0	1	1
Spanish Literature	1	0	1
Speech	0	1	1
Speech Pathology	5	5	10
Totals	73	116	189

Summary: In 1968, 73 men and 116 women matriculated in graduate study at Stevens Point. Significantly, 25 men were History majors and 10 were Biology majors. Most of the women majored in Elementary or Primary Education, Home Economics, or English.

Table 26

All Graduate Students Who Entered WSU-Stevens Point in 1969 as of July 24

Sex and Undergraduate First Major			
Undergraduate Major	Male	Female	Total
Agriculture	1	0	1
Art	0	3	3
Biology	6	3	9
Business Education	0	1	1
Communications Disorders	0	1	1
Conservation	1	0	1
Economics	2	0	2
Primary Education	0	8	8
Elementary Education	7	43	50
Intermediate-Upper Education	6	9	15
English	8	11	19
Geography	2	0	2
History	14	4	18
Home Economics	0	17	17
Mathematics	1	1	2
Music	4	5	9
Philosophy	1	0	1
Physical Education	0	1	1
Psychology	0	1	1
Social Science	7	0	7
Sociology	0	2	2
Spanish	0	1	1
Speech	2	0	2
Speech Pathology	3	13	16
Totals	65	124	189

Summary: So far in 1969, 65 men and 124 women have matriculated as graduate students. The women outnumber men by almost 2 to 1 ratio. The Biology, History, and Social Science majors are mostly men, while women made up all or most of the majors in Elementary and Primary Education, Home Economics, and Speech Pathology.

Geographic Location by County and State

The following table indicates the geographic distribution of origin of the graduate students, represented by location of the high schools from which they graduated.

Origin	Number	Per Cent of Total
Wisconsin Graduate Students	619	82.8
Out-of-State Graduate Students	123	16.4
Foreign Graduate Students	6	0.8
Total	748	100.0

From the table it can be seen that the majority of the graduate students came from Wisconsin.

Figure 2 gives the geographic origins of the Wisconsin graduate students by county. From this map it can be seen that more students (70) came from Marathon county than from any other. Next highest are Portage and Wood counties with 62 students each. Other counties from which 20 or more students came include: Shawano-30, Waupaca-30, Lincoln-27, Milwaukee-25, Clark-22, and Taylor-20.

The origins of graduate students who came from out of the state are shown in Table 27. Listed are 20 states, District of Columbia, and five foreign countries. The four states from which most out-of-state students came are states bordering Wisconsin: Illinois-34, Minnesota-27, Michigan-18, and Iowa-12.

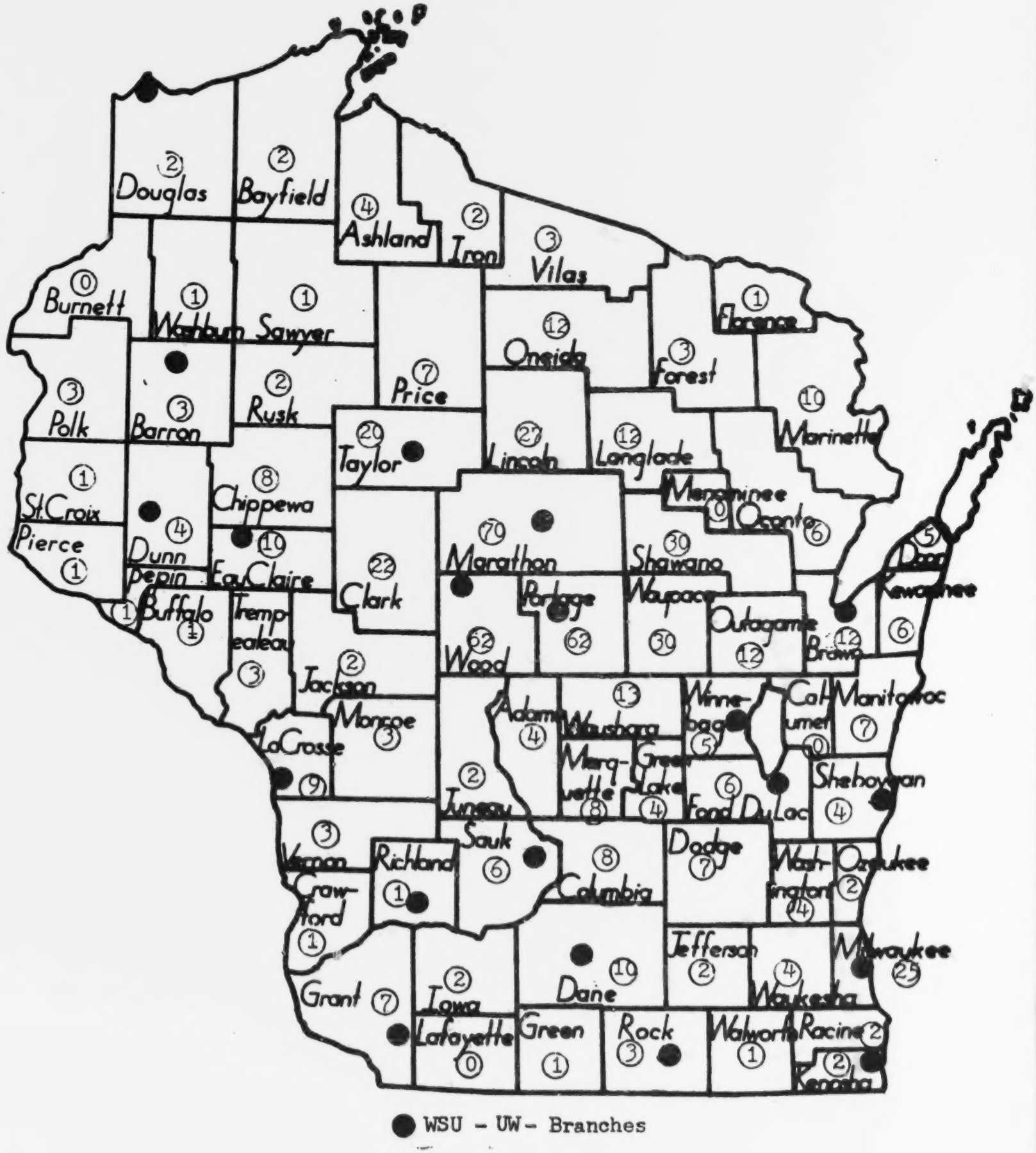

Fig. 2 Home County of Graduate Students Active July 1969. 619 Students.

WSU-CORD

Table 27

Graduate Students Active July 1969

Geographic Origin by State or Country of High School Graduation

Other States

State	Number	State	Number
Arizona	1	Minnesota	27
Arkansas	1	Missouri	4
California	1	Montana	1
D. C.	1	Nebraska	3
Illinois	34	New Jersey	1
Indiana	2	New Mexico	1
Iowa	12	New York	2
Maryland	1	North Dakota	5
Massachusetts	2	Pennsylvania	4
Michigan	18	South Dakota	1
		Texas	1

Foreign Country	Number
Canada	1
Dutch Guiana	1
Japan	2
Kenya	1
Spain	1

Of the 774 active graduate students, 656 were employed at a location that was recorded in the records of the Graduate Dean at the time of most recent communication. The great majority are teaching in Wisconsin, as shown by the following table.

	Number	Per Cent
Wisconsin Graduate Students	608	92.7
Out-of-State Graduate Students	48	7.3
Total	656	100.0

Figure 3 shows the geographic location by county of place of employment of all active graduate students who are employed in Wisconsin. Perusal of this map reveals that close proximity to Stevens Point is a significant factor in their distribution. Counties where the greatest number are employed include: Portage-99, Marathon-95, Wood-86, Waupaca-38, Shawano-33, Clark-30, Lincoln-26, and Outagamie-21.

Graduate students employed outside of Wisconsin are enumerated by state in Table 28. These people are employed in 17 states and one foreign country. By far the greatest number (15) are employed in Illinois, while several are employed in each of the states of Minnesota, California, and Michigan.

Table 28

Graduate Students Active July 1969

State of Most Recent Employment for Out-of-State Students

State	Number	State	Number
Alaska	1	Missouri	1
Arkansas	1	Montana	1
California	5	New Jersey	1
Georgia	1	New Mexico	1
Illinois	15	New York	2
Iowa	2	North Dakota	1
Kansas	1	Pennsylvania	2
Louisiana	1	USAF Base	1
Michigan	4	Kenya, Africa	1
Minnesota	6		

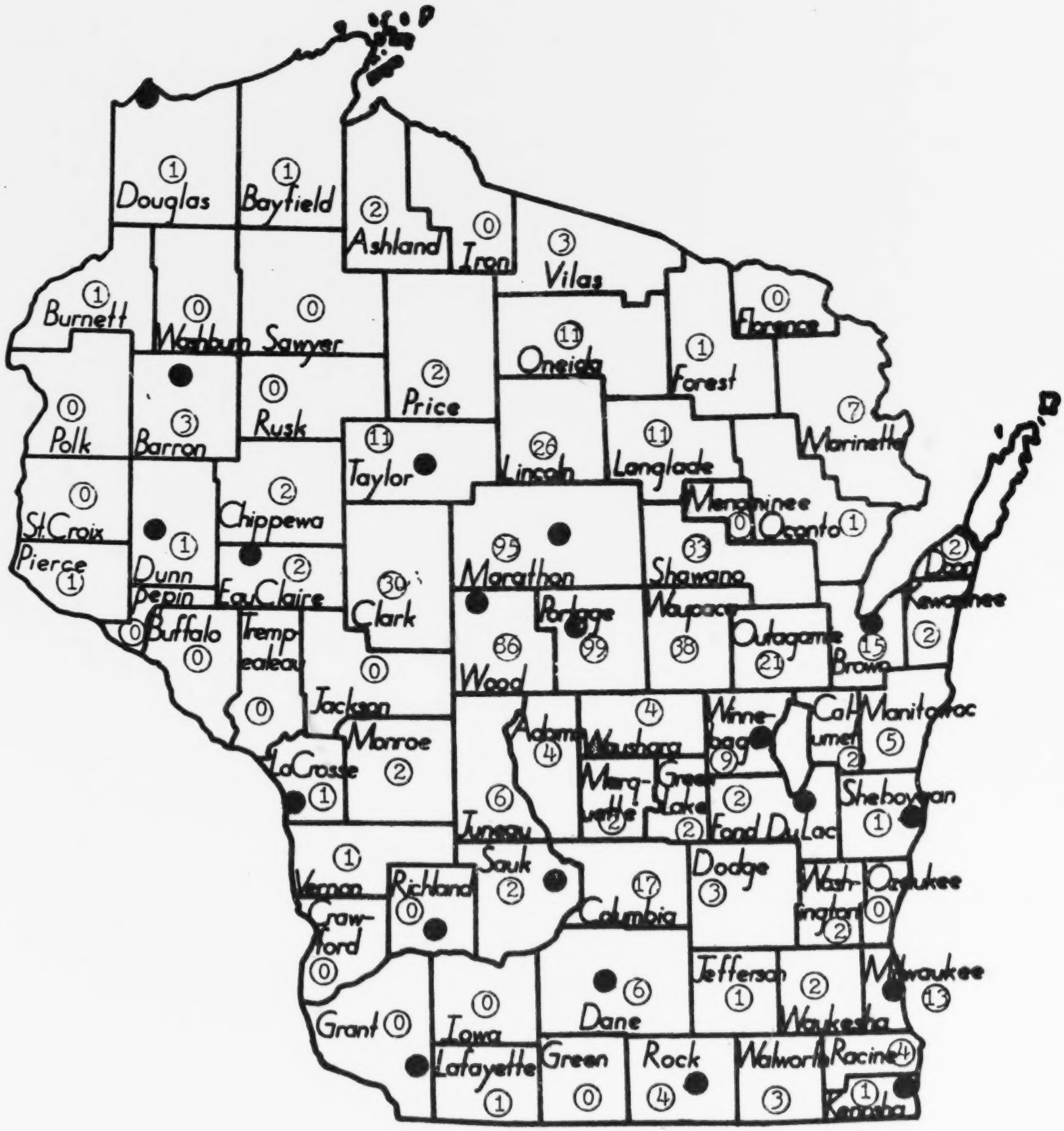

Fig. 3 Graduate Students Active July 1969. County Distribution of Last Location of Employment for Teachers. 608 Students.

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Table 29

Graduate Students Active July 1969

College of Graduation and Year of Matriculation at WSU-Stevens Point

College	Matriculation Year 60	61	62	63	64	65	66	67	68	69	Totals
Arizona											
University of Arizona	0	0	0	0	0	0	0	1	1	0	2
California											
USC-Los Angeles	0	0	0	0	0	0	0	0	1	0	1
Colorado											
Colorado State College	0	0	0	0	0	0	0	0	0	1	1
University of Colorado	0	0	0	0	0	0	0	0	1	1	2
Florida											
Florida A and M University	0	0	0	0	0	0	0	0	1	0	1
Illinois											
Chicago Teachers College	0	0	0	0	0	1	0	0	0	0	1
College of St. Francis	0	0	0	0	0	0	0	1	0	0	1
Concordia	0	0	0	0	0	0	0	1	0	0	1
Eastern Illinois University	0	0	0	0	0	1	0	0	1	0	2
Monmouth College	0	0	0	0	0	0	0	0	1	0	1
Northern Illinois University	0	0	0	0	0	0	0	1	1	0	2
Northwestern University	0	0	0	0	1	0	0	0	0	0	1
University of Chicago	0	0	0	0	0	0	0	1	0	0	1
Univ. of Illinois-Urbana	0	0	0	0	0	0	0	1	3	0	4
Wheaton College	0	0	0	0	1	0	0	0	0	0	1
Indiana											
Capuchin Seminary of St. Mary	0	0	0	0	0	0	0	0	1	0	1
Goshen College	0	0	0	0	0	0	0	0	0	1	1
Du Pauw University	0	0	0	0	0	0	0	1	0	0	1
Purdue University	0	0	0	0	0	0	0	0	1	0	1
Iowa											
Iowa State Univ.-Iowa City	0	0	0	1	0	0	0	1	2	1	5
Luther College	0	0	0	0	0	0	1	1	1	0	3
University of Northern Iowa	0	0	0	0	0	0	0	0	0	1	1
Upper Iowa Univ.-Fayette	0	0	0	0	0	0	0	0	0	1	1
Wartburg College	0	0	0	0	0	0	2	3	0	0	5
Michigan											
Andrews University	0	0	0	0	1	0	1	0	0	0	2
Central Michigan University	0	0	0	0	0	0	2	0	1	0	3
Mich. State Univ.-Ann Arbor	0	0	0	0	0	0	1	0	0	0	1
Mich. State Univ.-Lansing	0	0	0	0	0	0	0	0	0	1	1
Northern Michigan University	0	0	0	0	0	0	1	1	3	1	6
Western Michigan University	0	0	0	0	0	0	0	0	1	0	1

Table 29 - Continued

College	Matriculation Year 60	61	62	63	64	65	66	67	68	69	Totals
Minnesota											
Augsburg College	0	0	0	0	0	0	0	1	0	1	2
College of Saint Scholastica	0	0	0	0	0	1	0	1	0	.0	2
College of Saint Teresa	0	0	0	1	0	0	0	0	0	0	1
Concordia College	0	0	0	0	0	0	1	0	1	0	2
Dr. Martin Luther College	0	0	0	0	0	0	0	0	1	0	1
Macalester College	0	0	0	0	0	0	0	1	0	0	1
Mankato State	0	0	0	0	0	0	0	2	0	2	4
Saint Cloud State University	0	0	0	0	0	0	2	0	1	0	3
Saint Mary's State College	0	0	0	0	0	0	0	0	2	0	2
Saint Olaf College	0	0	0	0	0	0	0	1	0	0	1
Saint Thomas College	0	0	0	0	0	0	0	1	0	0	1
Univ. of Minn.-Duluth	0	0	0	0	0	0	0	1	2	0	3
Univ. of Minn.-Minneapolis	0	0	0	0	1	0	1	1	1	1	5
Missouri											
Evangel College	0	0	0	0	0	0	0	0	1	0	1
Washington University	0	0	0	0	0	0	0	0	0	1	1
Montana											
Montana State University	0	0	0	0	0	0	1	0	0	0	1
Nebraska											
Concordia College	0	0	0	0	0	1	0	0	0	1	2
New Jersey											
Montclaire State University	0	0	0	0	0	0	1	0	0	0	1
New Mexico											
New Mexico Highlands Univ.	0	0	0	0	0	0	0	0	1	0	1
New York											
Brookly College-New York	0	0	0	0	0	0	0	0	0	1	1
Columbia University	0	1	0	0	0	0	0	0	0	0	1
Eastman School of Music	0	0	0	1	0	0	0	0	0	0	1
North Dakota											
Jamestown University	0	0	0	0	0	0	1	0	0	0	1
Mayville State	0	0	0	0	0	0	0	0	1	0	1
Univ. of N. Dak.-Grand Forks	0	0	0	0	0	0	0	0	2	0	2
Ohio											
Antioch College	0	0	0	0	0	0	0	0	1	0	1
Pennsylvania											
Holy Family	0	0	0	0	0	0	0	1	0	0	1
Slippery Rock State College	0	0	0	0	0	0	1	0	0	0	1
Temple University	0	0	0	0	0	0	0	0	1	0	1

Table 29 - Continued

College	Matriculatio Year 60	61	62	63	64	65	66	67	68	69	Totals
South Carolina											
Univ. of S. Car.-Columbia	0	0	0	0	0	0	0	0	1	0	1
South Dakota											
Augustana College	0	0	0	0	0	0	0	0	1	0	1
Univ. of S. Dakota-Vermillion	0	0	0	0	0	0	0	1	2	0	3
Texas											
Southwest Texas State College	0	0	0	0	0	0	0	0	1	0	1
Washington											
Central Washington College	0	0	0	0	0	0	1	0	0	0	1
Wisconsin											
Alverno College	0	0	0	0	0	0	0	1	1	0	2
Beloit College	0	0	0	0	0	0	0	0	1	0	1
Carroll College	0	0	0	0	0	0	1	2	0	0	3
Dominican College-Racine	1	0	0	0	0	0	0	1	0	1	3
Edgewood College	0	0	0	0	0	0	1	0	0	0	1
Lakeland College	0	0	0	0	0	0	0	3	2	0	5
Lawrence University	0	0	0	1	1	0	1	2	0	1	6
Marathon County Normal	0	0	0	0	0	0	0	1	0	0	1
Marquette College	0	0	0	0	1	1	2	2	0	2	8
Milton College	0	0	0	0	0	0	2	0	0	0	2
Milwaukee Downer College	0	0	0	0	0	0	0	1	0	0	1
Milwaukee State Teachers Coll.	0	0	0	0	0	0	1	0	1	0	2
Mount Mary College	0	0	0	0	0	1	0	0	0	1	2
Mount Senario College	0	0	0	0	0	0	0	0	0	2	2
Northland College	0	0	0	0	0	0	0	0	2	3	5
Northwestern University	0	0	0	0	0	0	0	1	0	0	1
St. Francis Seminary	0	0	0	0	0	0	0	0	0	1	1
St. Norbert College	0	0	0	0	1	0	3	0	1	2	7
Univ. Wis.-Madison	0	0	0	1	1	4	9	10	8	7	40
Univ. Wis.-Milwaukee	0	0	0	0	0	2	3	2	2	5	14
Viterbo College	0	0	0	0	0	0	0	2	1	2	5
WSU-Eau Claire	0	0	0	1	0	1	5	5	6	5	23
WSU-La Crosse	0	0	0	0	0	3	1	1	2	3	10
WSU-Oshkosh	0	0	0	0	1	2	2	3	5	4	17
WSU-Platteville	0	0	0	0	0	0	1	1	1	3	6
WSU-River Falls	0	0	0	0	0	0	3	3	1	0	7
WSU-Stevens Point	1	0	5	13	21	38	95	86	98	107	464
WSU-Menominie (Stout)	0	0	0	0	0	0	0	2	6	5	13
WSU-Superior	0	0	0	0	0	0	0	0	1	3	4
WSU- Whitewater	0	0	0	0	1	1	1	0	1	2	6
Miscellaneous											
Chadron State College	0	0	0	0	0	0	0	1	0	0	1
National Taiwan Normal Univ.	0	0	0	0	0	0	0	0	0	1	1
National Univ. of Argentina-Cordoba	0	0	0	0	0	0	0	0	1	0	1
Univ. of Miss. & Mankato Coll.	0	0	0	0	0	0	0	0	1	0	1
Totals	2	1	5	19	31	57	148	154	182	175	774

Summary: About 60 per cent of the students in the graduate program received their undergraduate degrees from Wisconsin State University at Stevens Point. Of the graduate students, about 71 per cent completed their undergraduate studies at one of the nine state universities. Some 68 students, or 8.8 per cent received the Bachelor's degree outside Wisconsin. The University of Wisconsin Madison campus was the source of 40 graduate students - more than any other institution except WSU-Stevens Point.

Evidences of Student Quality

Inevitably we must examine available credentials of those who aspire to do graduate work, since one basic qualification of the graduate student is superior achievement. One measure of quality is high school percentile or decile rank. Decile rank distributions, known for 479 of the 774 active graduate students, are given in Table 30. A glance at this table reveals that the greatest frequency is found for the 90-99 decile. The table also shows that 87.4 per cent of all graduate students whose rank is known had ranked in the upper half of the high school class. Figure 4 is a graphic representation of Table 30.

Table 30

Graduate Students Active July 1969

High School Decile, and Number and Percentages by Decile

High School Decile	Number	Per Cent of Known Total
1-9	1	.2
10-19	9	1.9
20-29	15	3.1
30-39	16	3.3
40-49	19	4.0
50-59	48	10.0
60-69	58	12.1
70-79	69	14.4
80-89	107	22.4
90-99	137	28.6
Unknown	295	——
Total	774	100.0

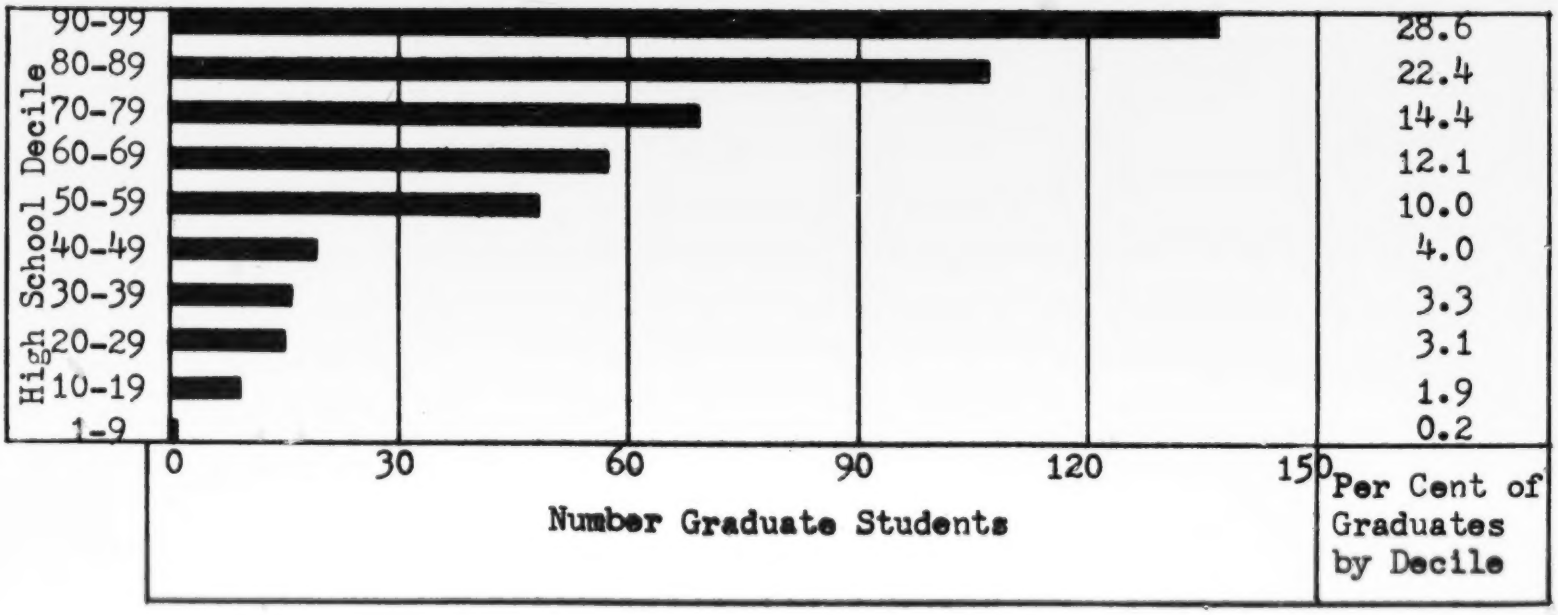

Fig. 4. Graduate Students Active July 1969. High school decile, number of graduates by decile, and per cent of graduates by decile.

When high school decile is distributed by sex of graduate students, as shown in Table 31, the women are found to have ranked considerably higher than men on the average. The overall average percentile rank is 74.0. For men it is 65.8 and for women 81.6. Men outnumbered women in each of the lowest six deciles, while women outnumbered men in the top four deciles. Unknown, however, are the ranks of 71 men and 224 women. Figures 5 and 6 show the rank distributions of men and women graphically.

Table 31

Graduate Students Active July 1969

High School Decile, Number Male and Female, Per Cent Male and Female, and Average Percentile Rank by Sex.

High School Decile	Sex				Totals
	Male		Female		
	Number	Per Cent	Number	Per Cent	
1-9	1	100.0	0	0.0	1
10-19	8	88.9	1	11.1	9
20-29	14	93.3	1	6.7	15
30-39	12	75.0	4	25.0	16
40-49	12	63.2	7	36.8	19
50-59	34	70.8	14	29.2	48
60-69	40	69.0	18	31.0	58
70-79	31	44.9	38	55.1	69
80-89	44	41.1	63	58.9	107
90-99	36	26.3	101	73.7	137
Unknown	71	24.1	224	75.9	295
Totals	303	39.1	471	60.9	774
Average Percentile Rank	65.8		81.6		
	Overall Mean High School Percentile Rank is 74.0				

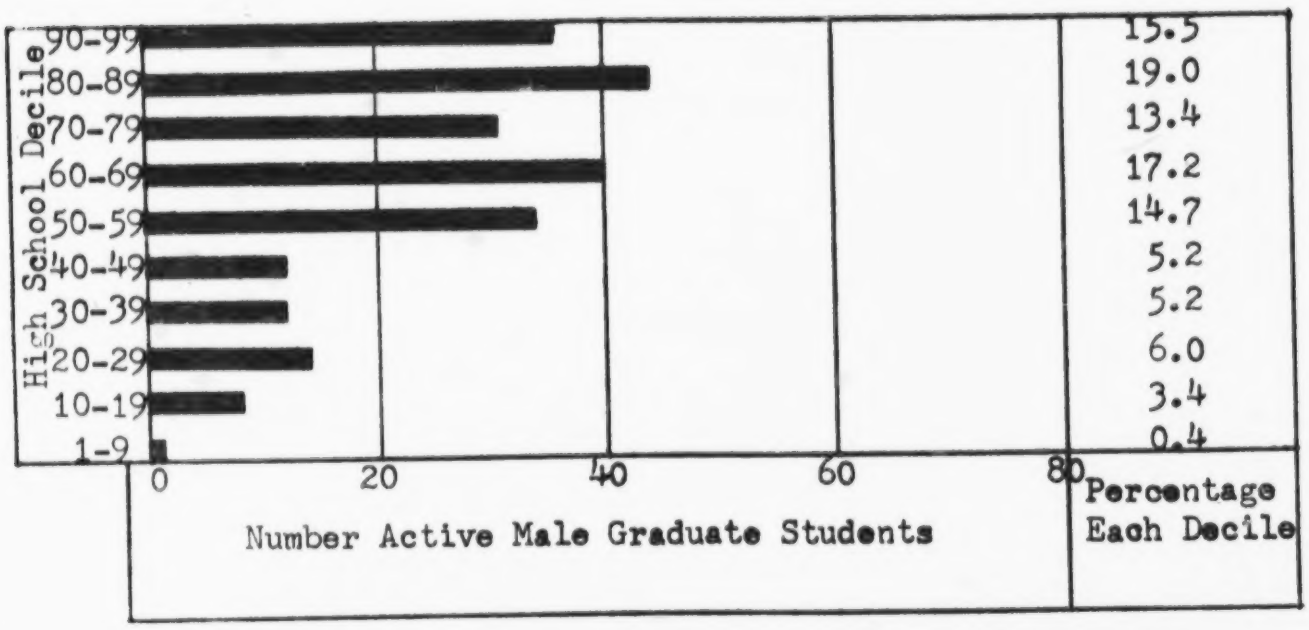

Fig. 5. Male Graduate Students Active July 1969. Number and percentage by High School decile.

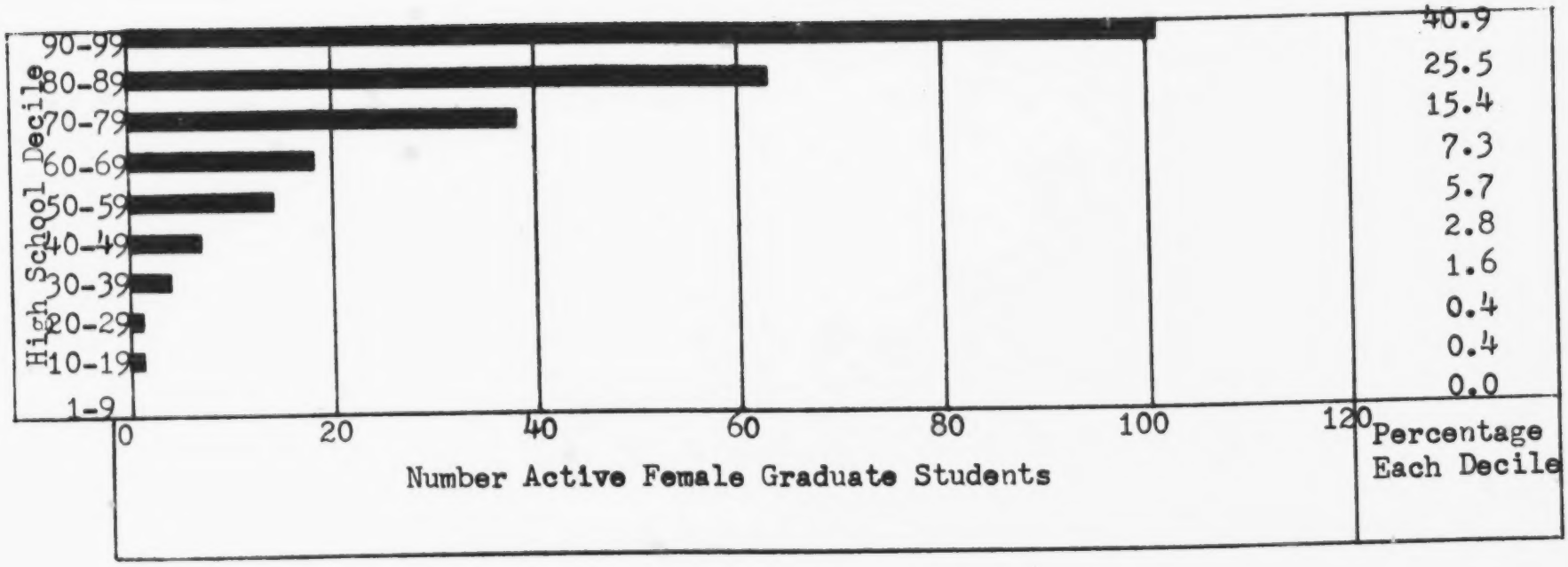

Fig. 6. Female Graduate Students Active July 1969. Number and percentage by High School decile.

Table 32 shows the distribution of active graduate students by year of matriculation and high school decile rank. The mean rank has reduced in size for matriculants of the past two years. This might be explained by the selective process which has through the years removed some lower rank students from the active list.

Table 32

Graduate Students Active July 1969

High School Decile, Year of Matriculation at WSU-Stevens Point, and Average High School Percentile by Year of Matriculation

High School Decile	Matriculation Year										
	60	61	62	63	64	65	66	67	68	69	Totals
1-9	0	0	0	0	0	0	0	1	0	0	1
10-19	0	0	0	0	0	1	0	1	3	4	9
20-29	0	0	0	0	1	1	2	0	5	6	15
30-39	0	0	0	0	0	2	2	4	3	5	16
40-49	0	0	0	0	0	0	4	4	6	5	19
50-59	0	0	0	0	4	4	4	14	10	12	48
60-69	0	0	0	2	0	2	12	12	14	16	58
70-79	1	0	0	2	1	7	6	17	14	21	69
80-89	0	0	0	5	1	5	21	20	34	21	107
90-99	0	0	0	1	8	10	22	38	26	32	137
Unknown	1	1	5	9	16	25	75	43	67	53	295
Totals	2	1	5	19	31	57	148	154	182	175	774
Average Percentile Rank	75.0	—	—	80.0	77.7	73.8	77.1	76.4	73.2	71.4	

Table 33 shows the distribution of active graduate students by high school decile and high school graduating class size. We have very few students who are graduates of large high schools. However, the largest averaged rank, 81.4 was that for the 1000 + category. The next highest averaged rank was that for the 1-50 and 201-300 categories: 77.9.

Table 33

Graduate Students Active July 1969

High School Decile, Size of High School Graduating Class, and Average Percentile Rank by Class Size

High School Decile	Class Size 1-50	51-100	101-200	201-300	301-500	501-1000	1001-over	Unknown	Totals
1-9	0	0	1	0	0	0	0	0	1
10-19	2	1	3	0	2	0	0	1	9
20-29	1	4	5	1	1	0	0	3	15
30-39	5	2	3	2	1	1	0	2	16
40-49	5	4	2	2	5	1	0	0	19
50-59	6	11	12	7	6	2	1	3	48
60-69	4	12	21	7	13	1	0	0	58
70-79	15	15	12	11	3	5	3	5	69
80-89	24	23	25	8	11	5	5	6	107
90-99	36	32	22	25	12	2	2	6	137
Unknown	70	26	58	14	11	2	3	111	295
Totals	168	130	164	77	65	19	14	137	774
Average Percentile Rank	77.9	75.7	70.8	77.9	70.2	73.2	81.4	68.5	

When high school percentile rank is related to first major, a variety of averaged percentile ranks results, largely because of the small number of cases per major. The distribution of majors and averages ranks for known cases, together with the number of known cases is given in Table 34. Where ten or more cases are listed, the averaged ranks by major are: Home Economics-85.0, Elementary Education-79.2, English-79.0, Music (all 46 Music majors)-77.4, Primary Education-74.5, Intermediate and Upper Elementry Education-71.1, History-66.8, Biology-65.9, Speech Pathology-65.9, and Social Science-65.8. We may also observe that eight Mathematics majors had an averaged rank of 88.4.

A second measure of graduate student quality is the undergraduate grade point ratio. These ratios are known for all but 15 active graduate students. Their distribution is given in Table 35. The distribution, also shown in graphic form in Figure 7, is somewhat positively skewed, with the 2.90-2.99 category as the mode. The grade point ratio for men is 2.75; for women it is 2.93, as shown in Table 36. For all students the grade point ratio is 2.87.

The grade point distributions by sex are shown in Figure 8 and 9. Where the grade point distribution for women is approximately normal, that for men is skewed positively.

In the comparison of grade point ratios by marital status (Table 37) single persons on the average ranked higher than married persons, 2.93 to 2.84. However, the marital status at the time of matriculation was not known for 139 students. This may be explained by the fact that a larger proportion of women than men were single, and women have higher grade point ratios than men.

Table 34

Graduate Students Active July 1969

Undergraduate First Major, Average Percentile Rank, and Number of Known Cases		
Major	Mean High School Percentile	Number of Known Cases
Do not know	31.0	1
Art	76.5	4
Biology	65.9	27
Business Administration	80.0	1
Business Education	97.0	1
Community Recreation	95.0	1
Chemistry	93.0	1
Civil Engineering	89.0	1
Communication Disorders	80.5	2
Drama	71.5	2
Economics	65.7	3
Elementary Education	79.2	63
Primary Education	74.5	14
Intermediate-Upper Education	71.1	30
Education	78.0	2
English	79.0	62
French	85.0	2
General Science	64.0	3
Geography	75.2	5
German	70.7	6
History	66.8	73
Home Economics	85.0	41
Language Arts	97.0	1
Latin	79.0	1
Liberal Arts	57.0	1
Mathematics	88.4	8
Music	76.8	39
Instrumental Music	87.5	2
Vocal Music	78.2	5
Natural Resources	33.0	1
Nursing	74.0	1
Optometry	98.0	1
Pharmacy	79.0	1
Physical Education	90.5	2
Philosophy	67.3	3
Political Science	50.5	2
Psychology	75.0	1
Social Science	65.8	21
Sociology	62.8	5
Spanish	90.0	1
Special Education	66.0	1
Speech	62.6	8
Speech Pathology	65.9	29
Overall Average and Total	74.0	479

Table 35

Graduate Students Active July 1969

Undergraduate GPR, and Number and Percentages by Undergraduate GPR

GPR	Number	Per Cent of Known Total
2.10-2.19	2	0.3
2.20-2.29	17	2.3
2.30-2.39	45	5.9
2.40-2.49	64	8.4
2.50-2.59	63	8.3
2.60-2.69	75	9.9
2.70-2.79	56	7.4
2.80-2.89	80	10.5
2.90-2.99	91	12.0
3.00-3.09	69	9.1
3.10-3.19	54	7.1
3.20-3.29	36	4.7
3.30-3.39	32	4.2
3.40-3.49	37	4.9
3.50-3.59	18	2.4
3.60-3.69	11	1.4
3.70-3.79	4	0.5
3.80-3.89	2	0.3
3.90-3.99	3	0.4
Unknown	15	—
Total	774	100.0

Table 36

Graduate Students Active July 1969

Undergraduate GPR, Number Male and Female, Per Cent Male and Female, and Average Undergraduate GPR by Sex

GPR	Sex				Totals
	Male		Female		
	Number	Per Cent	Number	Per Cent	
2.10 - 2.19	1	50.0	1	50.0	2
2.20 - 2.29	9	52.9	8	47.1	17
2.30 - 2.39	26	57.8	19	42.2	45
2.40 - 2.49	32	50.0	32	50.0	64
2.50 - 2.59	31	49.2	32	50.8	63
2.60 - 2.69	34	45.3	41	54.7	75
2.70 - 2.79	23	41.1	33	58.9	56
2.80 - 2.89	31	38.7	49	61.3	80
2.90 - 2.99	40	44.0	51	56.0	91
3.00 - 3.09	26	37.7	43	62.3	69
3.10 - 3.19	17	31.5	37	68.5	54
3.20 - 3.29	10	27.8	26	72.2	36
3.30 - 3.39	5	15.6	27	84.4	32
3.40 - 3.49	7	18.9	30	81.1	37
3.50 - 3.59	5	27.8	13	72.2	18
3.60 - 3.69	3	27.3	8	72.7	11
3.70 - 3.79	0	0.0	4	100.0	4
3.80 - 3.89	0	0.0	2	100.0	2
3.90 - 3.99	0	0.0	3	100.0	3
Unknown	3	20.0	12	80.0	15
Totals	303	39.1	471	60.9	774
Average GPR	2.75		2.93		
	Overall Mean GPR is 2.87				

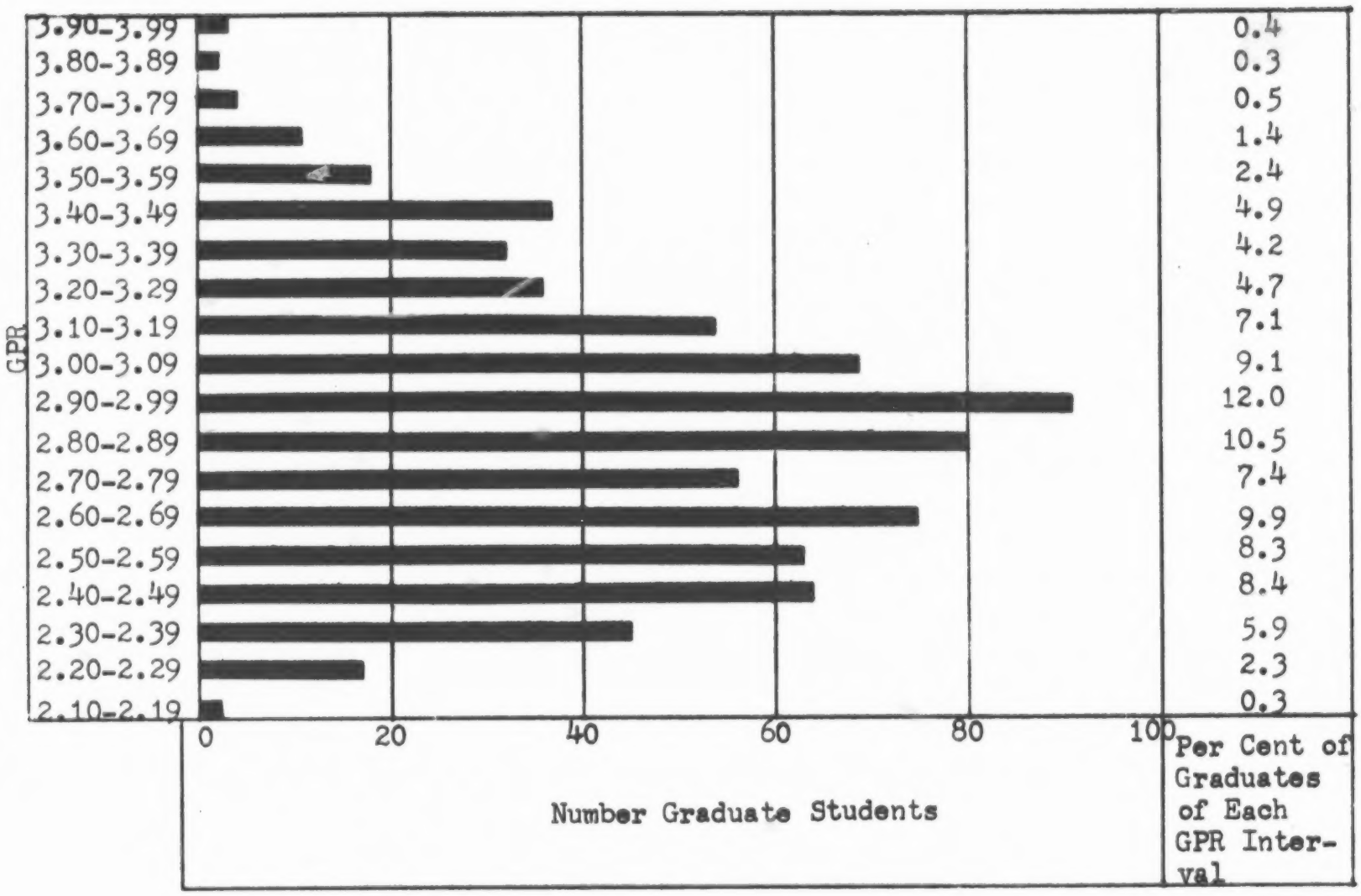

Fig. 7. Graduate Students Active July 1969. Undergraduate GPR and number and percentages by undergraduate GPR.

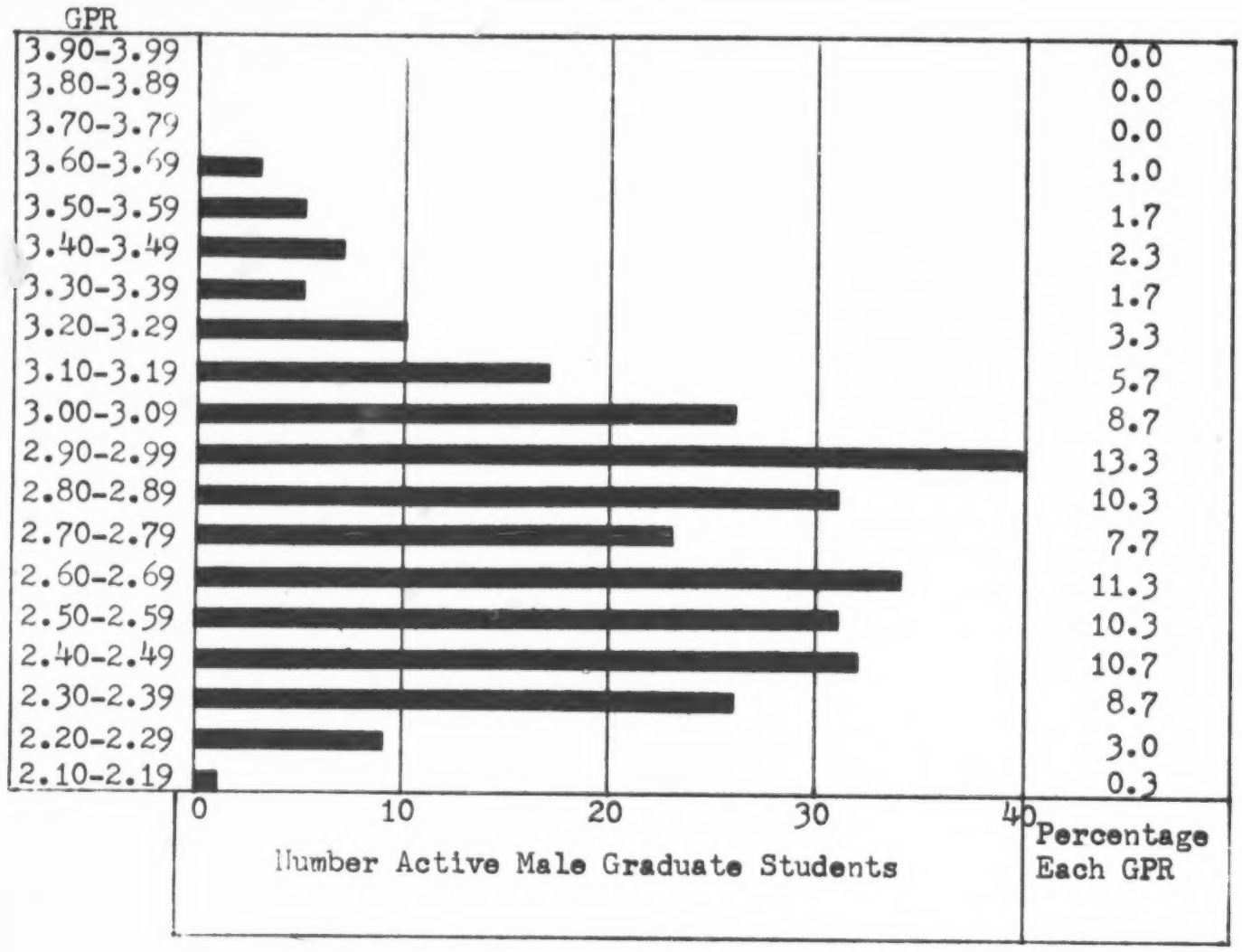

Fig. 8. Male Graduate Students Active July 1969. Undergraduate GPR, and number and percentages by undergraduate GPR.

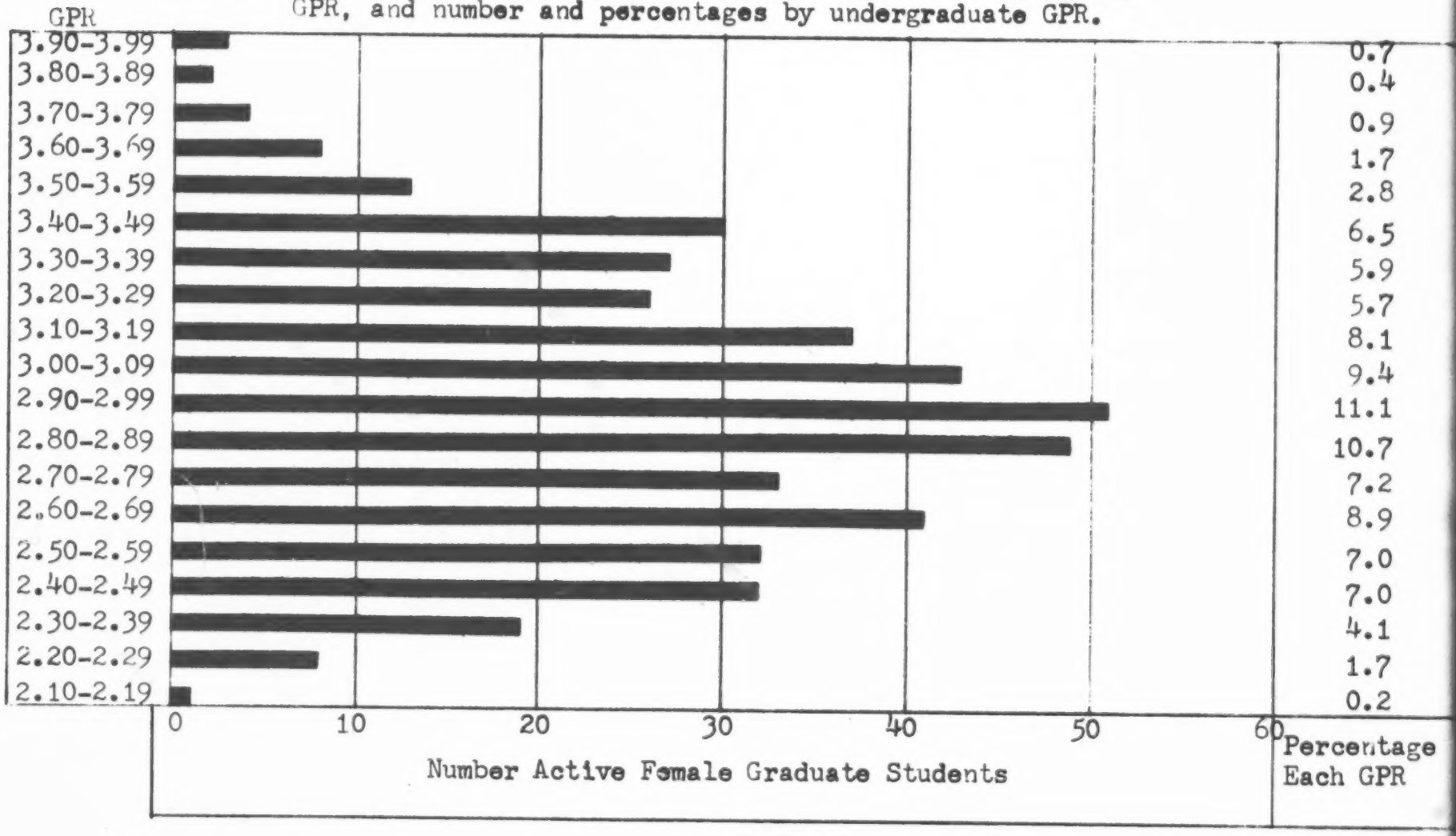

Fig. 9. Female Graduate Students Active July 1969. Undergraduate GPR, and number and percentages by undergraduate GPR.

Table 37

Graduate Students Active July 1969

Undergraduate GPR, Marital Status, and Average Undergraduate GPR by Marital Status

GPR Intervals	Marital Status Number Married	Number Single	Number Unknown	Totals
2.10-2.19	0	1	1	2
2.20-2.29	4	8	5	17
2.30-2.39	13	21	11	45
2.40-2.49	30	20	14	64
2.50-2.59	25	22	16	63
2.60-2.69	30	30	15	75
2.70-2.79	17	27	12	56
2.80-2.89	30	34	16	80
2.90-2.99	38	38	15	91
3.00-3.09	24	30	15	69
3.10-3.19	20	30	4	54
3.20-3.29	12	21	3	36
3.30-3.39	11	17	4	32
3.40-3.49	12	22	3	37
3.50-3.59	4	11	3	18
3.60-3.69	3	8	0	11
3.70-3.79	1	3	0	4
3.80-3.89	1	1	0	2
3.90-3.99	1	2	0	3
Unknown	6	7	2	15
Totals	282	353	139	774
Average GPR	2.84	2.93	2.76	

Table 38

Graduate Students Active July 1969

Undergraduate GPR, High School Decile, Average Percentile Rank by GPR, and Average GPR by Decile

GPR	High School Decile										Totals	Percentile Rank Average
	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99		
2.10-2.19	0	1	0	0	0	1	0	0	0	0	2	35.5
2.20-2.29	0	2	0	1	1	0	3	2	1	1	11	55.7
2.30-2.39	0	0	2	2	1	4	11	4	7	3	34	66.2
2.40-2.49	0	0	1	1	5	7	10	4	8	8	44	68.9
2.50-2.59	0	2	3	1	2	7	6	6	12	10	49	69.1
2.60-2.69	0	0	3	5	4	5	9	7	10	8	51	66.2
2.70-2.79	0	2	0	0	1	4	4	10	4	6	31	70.6
2.80-2.89	1	0	1	1	1	7	4	7	14	13	49	75.4
2.90-2.99	0	0	1	1	2	5	5	12	17	18	61	78.1
3.00-3.09	0	1	1	1	0	5	4	2	10	13	37	77.0
3.10-3.19	0	0	1	2	0	0	0	9	6	11	29	80.2
3.20-3.29	0	1	2	1	0	2	0	3	5	7	21	73.0
3.30-3.39	0	0	0	0	1	1	0	0	6	9	17	86.5
3.40-3.49	0	0	0	0	0	0	2	1	4	11	18	88.6
3.50-3.59	0	0	0	0	0	0	0	1	0	11	12	93.7
3.60-3.69	0	0	0	0	0	0	0	1	3	4	8	91.9
3.70-3.79	0	0	0	0	0	0	0	0	0	2	2	98.0
3.80-3.89	0	0	0	0	0	0	0	0	0	1	1	92.0
3.90-3.99	0	0	0	0	0	0	0	0	0	1	1	99.0
Totals	1	9	15	16	18	48	58	69	107	137	478	
Average GPR	2.82	2.39	2.74	2.71	2.63	2.61	2.62	2.82	2.87	3.03	r = 0.362	

One of the questions frequently asked concerning various measures of student quality is, how do they relate to each other? This question is answered quite well in Table 38. The overall correlation of GPR and high school percentile rank, computed from the table, is .362. As shown in the table, there are no high grade point ratios where the high school rank is low. However, some students who ranked near the top of the high school class had quite mediocre undergraduate academic records. The four students whose GPR was 3.70 or higher all came from the top high school decile. Also, students from the top decile had an averaged GPR of 3.03.

A third measure of student quality is the scores of graduate students on the Miller Analogies Test. This test has been given to students admitted to the graduate program, usually within the first year of study. Scores are available for 127 active graduate students, so the data are limited. Table 40 shows how these scores relate to grade point ratio intervals. The great majority of Miller Analogies scores fall between 30 and 59, with none below 20 or above 90. The average Miller Analogies Test score is 46.83.

The following table gives quartile norms for Miller Analogies test scores of graduate students pursuing various studies.

Table 39

General Norms of Graduate Students: Miller Analogies Test

	Q_1	Q_2	Q_3
Business Administration	43	55	65
Education (Doctoral)	32	43	55
Education (Master's)	27	35	47
Engineering	43	53	63
Language and Literature	43	59	73
Physical Science	55	68	80
Psychology	57	67	75
Social Science	49	61	74
Theology	33	44	55
WSU-Stevens Point MST Candidates	37	47	55

It can be seen from Table 39 that the 127 students whose Miller Analogies scores are available compare favorably with Education doctoral candidates as a group.

The correlation between Miller Analogies test scores with undergraduate grade point ratio intervals is .210, based on 127 cases. This is a small but significant correlation.

Table 41 shows the same 127 Miller Analogies test scores related to high school decile rank. The resulting correlation of .188, computed from Table 41 data, is again small but significant.

Table 40

Graduate Students Active July 1969

Undergraduate GPR and Miller Analogies Test Score

	Miller Analogies										
GPR	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	Totals
2.10-2.19	0	0	0	0	1	0	0	0	0	0	1
2.20-2.29	0	0	0	0	2	0	1	0	0	0	3
2.30-2.39	0	0	3	0	1	2	0	0	0	0	6
2.40-2.49	0	0	0	3	7	2	2	0	0	0	14
2.50-2.59	0	0	1	2	2	1	3	0	0	0	9
2.60-2.69	0	0	1	1	6	2	0	2	0	0	12
2.70-2.79	0	0	1	2	3	1	1	0	0	0	8
2.80-2.89	0	0	2	3	2	2	1	1	0	0	11
2.90-2.99	0	0	2	4	4	3	2	0	0	0	15
3.00-3.09	0	0	1	3	3	4	1	0	0	0	12
3.10-3.19	0	0	1	3	0	3	0	0	0	0	7
3.20-3.29	0	0	0	1	1	3	0	0	0	0	5
3.30-3.39	0	0	1	0	1	0	1	2	0	0	5
3.40-3.49	0	0	0	3	0	1	0	2	1	0	7
3.50-3.59	0	0	0	0	1	1	0	0	2	0	4
3.60-3.69	9	9	1	9	9	1	1	0	0	0	3
3.70-3.79	0	0	0	0	0	0	0	0	0	0	0
3.80-3.89	0	0	0	0	0	1	1	0	0	0	2
3.90-3.99	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	1	2	0	0	0	0	0	3
Totals	0	0	14	26	36	27	14	7	3	0	127
	r = .210										

Table 41

Graduate Students Active July 1969

High School Decile, and Miller Analogies Test Score

High School Decile	Miller Analogies										Totals
	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	
1-9	0	0	0	0	0	0	0	0	0	0	0
10-19	0	0	0	0	1	0	0	0	0	0	1
20-29	0	0	1	1	0	2	1	0	0	0	5
30-39	0	0	0	0	1	0	0	0	0	0	1
40-49	0	0	0	1	2	0	1	0	0	0	4
50-59	0	0	0	1	1	2	0	0	0	0	4
60-69	0	0	3	2	6	2	0	0	0	0	13
70-79	0	0	3	1	1	2	1	1	0	0	9
80-89	0	0	1	4	10	4	1	2	1	0	23
90-99	0	0	1	5	5	8	5	3	2	0	29
Unknown	0	0	5	11	9	7	5	1	0	0	38
Totals	0	0	14	26	36	27	14	7	3	0	127

r = .188

Average Miller Analogies Score = 46.83

Undergraduate grade point frequencies are shown for each matriculation year in Table 42. The grade point frequencies having the largest number of cases (of active graduate students) are those between 2.80 and 2.99. The grade point ratios by year of matriculation are quite similar, indicating that according to this measure, the student quality is quite consistent from year to year. The grade point ratios range from 2.83 in 1964 to 3.00 for 1962.

Undergraduate grade point frequencies are related to high school class size in Table 43. The ratios for various high school class size are remarkably consistent, range from 2.82 for class size 301-500 to 2.91 for class size over 1,000.

Table 44 relates undergraduate grade point ratios to level taught, where some level categories have been combined. Again the ratios show very little spread. Substitute teachers had averaged grade points of 2.80, while those in school administration had a grade point ratio of 2.91.

Table 42

Graduate Students Active July 1969

Undergraduate GPR, Year of Matriculation at WSU-Stevens Point, and Average Undergraduate GPR by Year of Matriculation

GPR Interval	Matriculation Year										Totals
	60	61	62	63	64	65	66	67	68	69	
2.10-2.19	0	0	0	0	0	0	0	1	0	1	2
2.20-2.29	0	0	0	0	1	2	3	1	6	4	17
2.30-2.39	0	0	0	1	3	2	6	9	14	10	45
2.40-2.49	0	0	0	1	3	1	12	15	15	17	64
2.50-2.59	0	0	0	1	4	4	15	12	15	12	63
2.60-2.69	0	0	0	3	1	10	21	8	19	13	75
2.70-2.79	1	0	1	0	3	8	13	10	11	9	56
2.80-2.89	0	0	0	3	2	6	17	22	15	15	80
2.90-2.99	0	0	2	1	4	1	13	23	20	27	91
3.00-3.09	1	0	0	3	2	9	12	16	15	11	69
3.10-3.19	0	0	0	1	2	5	5	7	18	16	54
3.20-3.29	0	0	0	0	2	4	5	7	6	12	36
3.30-3.39	0	0	0	1	0	0	9	9	9	4	32
3.40-3.49	0	0	1	1	4	3	7	7	7	7	37
3.50-3.59	0	0	0	0	0	2	2	3	2	9	18
3.60-3.69	0	0	0	2	0	0	1	1	4	3	11
3.70-3.79	0	0	0	0	0	0	1	0	1	2	4
3.80-3.89	0	0	0	0	0	0	1	1	0	0	2
3.90-3.99	0	0	0	0	0	0	1	1	0	1	3
Unknown	0	1	1	1	0	0	4	1	5	2	15
Totals	2	1	5	19	31	57	148	154	182	175	774
Average GPR	2.86	—	3.00	2.95	2.83	2.84	2.87	2.88	2.85	2.90	

Table 43

Graduate Students Active July 1969

Undergraduate GPR, Size of High School Graduating Class, and Average Undergraduate GPR by Class Size

GPR Interval	Class Size 1-50	51-100	101-200	201-300	301-500	501-1000	1001-over	Unknown	Totals
2.10-2.19	1	0	0	0	1	0	0	0	2
2.20-2.29	4	3	5	0	1	0	0	4	17
2.30-2.39	11	8	10	1	6	3	1	5	45
2.40-2.49	11	12	13	10	7	2	2	7	64
2.50-2.59	14	10	18	8	6	1	0	6	63
2.60-2.69	19	13	15	4	8	0	3	13	75
2.70-2.79	12	7	13	6	3	1	0	14	56
2.80-2.89	21	15	16	6	5	1	2	14	80
2.90-2.99	17	17	19	15	7	4	0	12	91
3.00-3.09	17	14	13	5	5	3	0	12	69
3.10-3.19	11	5	10	6	4	1	2	15	54
3.20-3.29	9	4	5	4	4	0	2	8	36
3.30-3.39	5	9	7	3	2	1	0	5	32
3.40-3.49	5	5	8	4	5	2	1	7	37
3.50-3.59	2	4	6	3	1	0	0	2	18
3.60-3.69	5	1	3	1	0	0	1	0	11
3.70-3.79	2	1	0	0	0	0	0	1	4
3.80-3.89	0	1	1	0	0	0	0	0	2
3.90-3.99	1	0	1	0	0	0	0	1	3
Unknown	1	1	1	1	0	0	0	11	15
Totals	168	130	164	77	65	19	14	137	774
Average GPR	2.87	2.87	2.87	2.91	2.82	2.86	2.91	2.91	

Table 44

Graduate Students Active July 1969

Undergraduate GPR, Level of Education Taught, and Average Undergraduate GPR by Level Taught

GPR Intervals	Level Taught: Primary	Elementary	High School	College	Substitute	Administration	Non-Educ.	No Level	Totals
2.10-2.19	0	0	1	0	0	0	0	1	2
2.20-2.29	4	6	3	0	0	0	2	2	17
2.30-2.39	8	7	19	0	1	0	4	6	45
2.40-2.49	11	15	28	3	0	0	1	6	64
2.50-2.59	7	11	32	1	0	1	2	9	63
2.60-2.69	19	9	35	0	2	2	1	7	75
2.70-2.79	14	8	19	0	1	4	0	10	56
2.80-2.89	15	11	34	1	1	2	4	12	80
2.90-2.99	20	9	40	1	0	1	2	18	91
3.00-3.09	11	14	28	2	1	1	3	9	69
3.10-3.19	7	11	25	1	0	1	4	5	54
3.20-3.29	8	4	15	0	0	0	1	8	36
3.30-3.39	6	4	17	0	1	0	0	4	32
3.40-3.49	10	6	14	1	0	1	1	4	37
3.50-3.59	3	4	8	0	0	1	0	2	18
3.60-3.69	1	4	4	0	0	0	0	2	11
3.70-3.79	1	0	2	0	0	0	1	0	4
3.80-3.89	1	1	0	0	0	0	0	0	2
3.90-3.99	1	1	1	0	0	0	0	0	3
Unknown	1	4	6	2	0	0	0	2	15
Totals	148	129	331	12	7	14	26	107	774
Average GPR	2.88	2.87	2.83	2.85	2.80	2.91	2.82	2.88	

Summary and Conclusions

This study concerns 774 graduate students who were active students at WSU-Stevens Point in July 1969. This group represents 63.7 per cent of all 1215 graduate students who have matriculated at WSU-Stevens Point since the inception of the graduate program in the summer of 1960. Sources of data for this report are largely the file records of the Graduate Dean.

The number of matriculant per year has increased from 55 in 1960 to 189 in 1968. The 1969 matriculants totalled 189 by July, continuing the gradual increase in number of students entering per year. By the end of the summer session in August, 1969, 90 students had been awarded Master's degrees at Stevens Point, 27 at the end of the 1969 summer session. A few others received degrees at the University of Wisconsin under a cooperative plan that was in operation until 1962.

Table 45 shows the number of graduates by year and major field of study. Two special fields, Reading (MST) and Speech Pathology (MS) account for a number of the 1969 graduates. As expected, Elementary Education is the leading major for graduates.

Table 45
Master's Degrees Awarded at WSU-Stevens Point by Major and Year of Graduation

Major *	Year 64	65	66	67	68	69	Totals
Biology	0	0	0	0	0	1	1
Elementary Education	2	10	4	7	6	5	34
Elem. Ed./Reading	0	0	0	0	0	5	5
English	0	0	8	2	3	5	18
History	0	2	1	0	3	3	9
Home Economics	0	0	0	0	2	2	4
Music	0	0	1	0	2	4	7
Social Studies	0	0	0	0	1	2	3
Speech	0	0	0	1	0	1	2
Speech & Drama	0	0	0	0	1	0	1
Speech Path/Aud.	0	0	0	0	1	0	1
Speech Path/Aud. MS	0	0	0	0	0	5	5
Totals	2	12	14	10	19	33	90

* MST majors, unless otherwise designated.

Women constitute 60.9 per cent of active students. Although women outnumber men nearly 2 to 1 among the 1960 entrants, the proportion who were men steadily increased, until by 1963 men outnumbered women entrants. Since that time the proportion of matriculants who are women has steadily increased.

Although marital status for quite a few students is not known , single graduate students are apparently in the majority both for men and women.

Age at time of matriculation ranged from 21 years to 66 years, with an average near 35 years. The trend appears to be toward matriculation at an earlier age. Teaching experience at the time of matriculation ranged from 1 to 38 years. Most teachers now enter the master's program with fewer than five years of teaching experience.

About 42.8 per cent of the graduate students are teaching at high school or junior high school level, and about 36 per cent at the elementary or kindergarten level. The others are in special categories or have no designated teaching level.

The great majority of active graduate students came from small high schools, a fact which has become increasingly noticeable in recent years. Most of the kindergarten-primary teachers came from smaller high schools, and most of those who came from large high schools are high school teachers.

Undergraduate first majors found to be most numerous in addition to kindergarten and elementary majors, are: English, History, Home Economics, Music, Speech Pathology, and Biology. Speech Pathology is the most rapidly growing program.

Approximately 82.8 per cent of the active graduate students graduated from a Wisconsin high school, most of them from high schools in the central part of the state. Most out-of-state students came from states bordering Wisconsin. For the 656 active students whose place of employment is known, 92.7 per cent are employed in Wisconsin, and 48 are employed outside Wisconsin.

About 60 per cent of the active graduate students received the bachelor's degree at WSU-Stevens Point, and 71 per cent received the degree in the WSU system. Only 8.8 per cent received the bachelors degree outside Wisconsin.

For those whose academic quality before matriculation is known, the quality was high on the average. The averaged high school percentile rank is 74.0, with women averaging higher than men. Seven-eighths of these students had finished in the upper half of the high school class. The quality was not clearly related to high school class size, but there appeared to be significant differences according to undergraduate major. The Miller Analogies test scores, available for a fraction of the active students, compared favorably on national norms with Education doctoral candidates. The undergraduate grade point ratio distribution ranges from 2.10 to 3.99, with an overall mean of 2.87 for all students for whom data are obtained.

There are small but significant correlations among the three measure of student quality. Student qualities varies only slightly from year to year.

By the end of the 1969 summer session, 90 Master's degrees had been conferred at WSU-Stevens Point. When we consider the fact that 383 persons had been admitted to the graduate study by the end of 1964, and that only a few completed their work at the University of Wisconsin under the cooperative plan, it is clear that only a fraction of those who had entered graduate work by 1964 had completed the work within the desired five year period. Those who enter the graduate program need to be encouraged to move ahead with their studies and to fulfill requirements promptly.

Student quality is quite good. The great majority of those admitted to graduate study had already proved themselves as students. A few students with mediocre undergraduate academic records have been admitted after proving their ability to do satisfactory graduate work. Apparently, those who had grade point ratios below the minimum for probation status at WSU-Stevens Point have transferred after doing satisfactory graduate work elsewhere. A longitudinal study should be conducted later on to determine what proportion of the graduate students admitted on probation are able to complete work for the Master's degree.

The graduate program is expanding steadily in number of admissions. If it is successful, the number of degrees granted should also increase steadily.